

## ENERGY

**Lincoln Journal Star: Burst pipe likely released 4 million gallons of wastewater from ethanol plant near Mead**

[Link](#) - Cleanup efforts are continuing after a frozen pipe burst at the troubled AltEn ethanol plant near Mead, Nebraska, releasing wastewater from a 4 million-gallon tank into Saunders County waterways last week.

**Sioux City Journal: Northwest Iowa ethanol plant joins large-scale project to capture and store carbon**

[Link](#) - Little Sioux Corn Processors has forged a deal with an Iowa-based agri-business as part of a plan to develop the world's largest carbon dioxide capture and storage project.

**The Philadelphia Inquirer: Cheaper solar power means low-income families can also benefit — with the right kind of help**

[Link](#) - Low- and moderate-income households face several roadblocks to solar adoption, including cash constraints, low rates of home ownership, and language barriers.

**Quartz: The collapse of its energy grid may make Texas the next solar hot spot**

[Link](#) - Texas rooftops plastered with solar panels in 2021, and maybe a battery in the garage, may become more common after one of the worst winter storms in Texas history.

**syracuse.com: Why wind turbines in New York keep working in bitter cold weather unlike the ones in Texas**

[Link](#) - New York's biggest wind power operator explains how it's done.

**The Gazette: Iowa wind turbines equipped to handle extreme cold. Ice is another matter.**

[Link](#) - Unlike Texas wind turbines that slowed or shut down during the recent winter storm, Iowa's

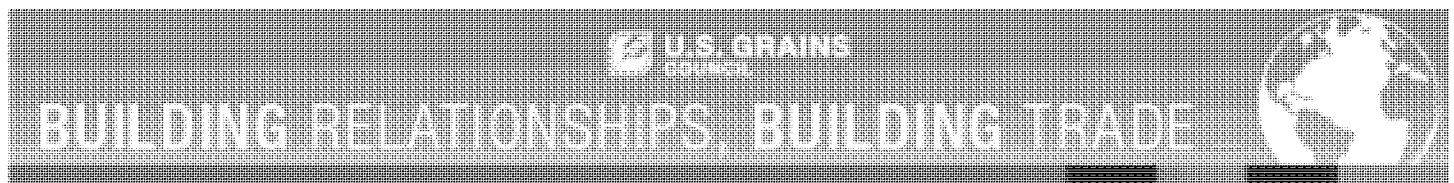
kept turning.

**CNN: Texas officials are investigating outrageous energy bills in storm price surge**

[Link](#) - As Texas struggles to recover from a deep freeze that has killed dozens, some customers in Texas are facing unprecedented price hikes in their energy bills as a result of the recent snow storm. Texas officials say they are investigating.

**Associated Press: Senator seeks probe of natural gas price spikes during storm**

[Link](#) - A Democratic senator is calling for federal investigations into possible price gouging of natural gas in the Midwest and other regions following severe winter storms that plunged Texas and other states into a deep freeze that caused power outages in millions of homes and businesses.



## **FOOD & NUTRITION**

**Agri-Pulse: US dairy sector faces uncertain prospects in 2021**

[Link](#) - New forecasts for strong production, uncertain demand, high stocks, weaker prices and higher feed costs paint an “unsettled” outlook for the U.S. dairy sector in 2021, according to a new USDA report.

**GreenBiz: Next-gen GMO entrepreneurs target consumers, not farmers**

[Link](#) - What does the future hold for genetically modified crops?

**Eater: How This Vertical Farm Grows 80,000 Pounds of Produce per Week**

[Link](#) - Bowery Farming uses technology to prioritize accessibility and sustainability in their produce growing operations.

**Deseret News: Selling homemade food to make ends meet in pandemic? Utah eyes permits,**

## **inspections**

[Link](#) - Rep. Christine Watkins, R-Price, is sponsoring HB94 to help correct “the lack of inspections of home kitchens.” The bill passed the House Friday morning with a unanimous vote and will move on to the Senate for consideration.

## **The New York Times: The Activists Working to Remake the Food System**

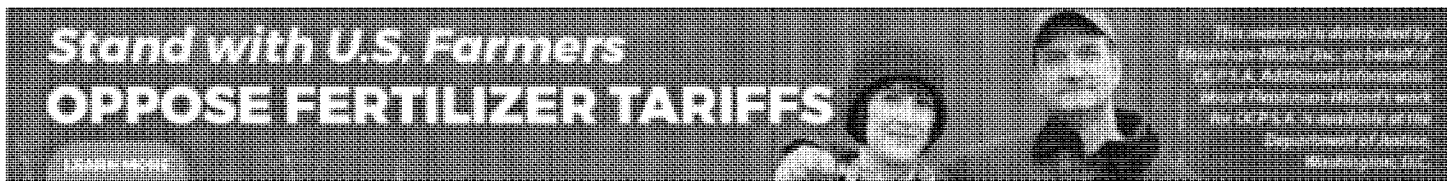
[Link](#) - They're committed not just to securing better meals for everyone, but to dismantling the very structures that have long exploited both workers and consumers.

## **The New York Times: Annie's Pledges to Purge a Class of Chemicals From Its Mac and Cheese**

[Link](#) - The move comes nearly four years after a study showed that chemicals believed to cause health problems in children and reproductive issues in adults were found in mass-market macaroni and cheese packets.

## **The New York Times: Could This Be the Lab-Made Dinner Party of Our Future?**

[Link](#) - A slew of start-ups are engineering faux meats, eggs and dairy products that conjure a time when we move from farm-to-table to lab-to-table.



## **TRADE & INTERNATIONAL**

### **The Press and Journal: McDonald's launches beef cattle grazing project**

[Link](#) - Fast food giant McDonald's has teamed up with research body FAI Farms Ltd to assess the viability and benefits of adaptive multi-paddock (AMP) grazing for beef cattle.

### **DW: Mexican strawberry farmers go green**

[Link](#) - Mexico's strawberry farms damage soil and are a drain on water. That's why small-scale

farmers are shifting toward more sustainable forms of cultivation.

**Reuters: Protesting Indian farmers vow to amass more supporters outside capital Delhi**

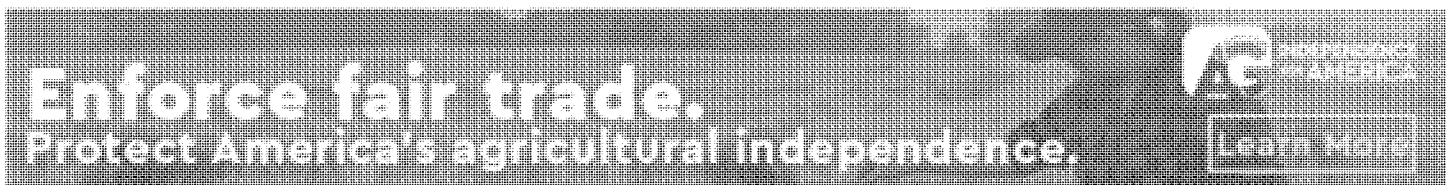
[Link](#) - More than 100,000 farmers and farm workers gathered in India's northern Punjab state on Sunday in a show of strength against new farm laws, where union leaders called on supporters to amass outside the capital New Delhi on Feb. 27.

**Xinhua: China to fully advance rural vitalization, facilitate modernization of agriculture, rural areas**

[Link](#) - China unveiled its "No. 1 central document" for 2021 on Sunday, stressing the efforts to comprehensively push forward rural vitalization and accelerate the modernization of agriculture and rural areas.

**The Wall Street Journal: Without Tourists to Put to Work, Australia's Farms Are Short on Labor**

[Link](#) - Farmers in Asia's food bowl warn of declining profits, smaller harvests and rising prices.



**LABOR & IMMIGRATION**

**The Counter: The CDC recommended states prioritize farm workers for the Covid-19 vaccine. Some large agricultural states have not.**

[Link](#) - Despite Centers for Disease Control recommendations, a few states with large farmworker populations have not prioritized Covid-19 vaccinations for farm workers.

**TechCrunch: SESO Labor is providing a way for migrant farmworkers to get legally protected work status in the US**

[Link](#) - As the Biden administration works to bring legislation to Congress to address the endemic

problem of immigration reform in America, on the other side of the nation a small California startup called SESO Labor has raised \$4.5 million to ensure that farms can have access to legal migrant labor.

#### **Yakima Herald-Republic: Federal judge to rule on farm-worker pay injunction**

[Link](#) - A federal judge said he will decide whether to grant a farmworkers' union an injunction to maintain productivity-based wages.

#### **KSBY San Luis Obispo News: \$30,000 unfair labor settlement to be distributed in checks to more than 200 Santa Maria farmworkers**

[Link](#) - The California Agricultural Labor Relations Board (ALRB) announced Saturday that 212 farmworkers will receive checks because of an informal settlement agreement with Rancho Laguna Farms.



## **CONSERVATION & WILDLIFE**

#### **KBTX: Agriculture businesses survey storm damage, work to recover**

[Link](#) - The freezing temperatures took their toll on a local flower farm near Millican. With temperatures staying below freezing, months of hard work planting flowers was nearly gone in just a few days.

#### **WBNG-TV: NYS approves \$4M in conservation grants for local farms to combat climate change**

[Link](#) - The state announced 4 million dollars worth of grants have been approved to help local farms combat climate change.

#### **CBS News: Climate change and record cold: What's behind the arctic extremes in Texas**

[Link](#) - Meteorologists saw this extreme winter weather coming weeks in advance. Here's what is

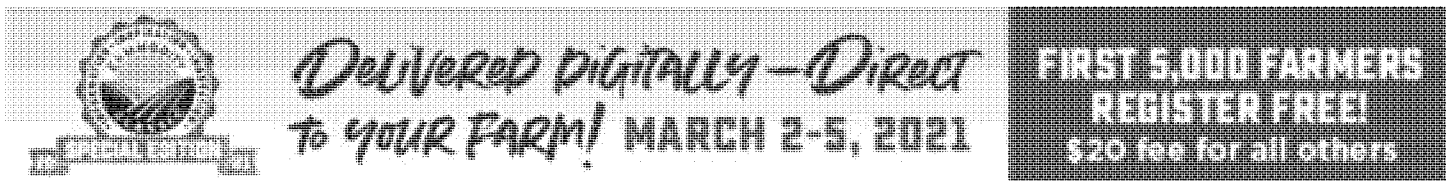
causing it.

### **NPR: U.S. Officially Rejoins Paris Agreement On Climate Change**

[Link](#) - The United States on Friday officially rejoined the Paris Agreement on climate change designed to limit global warming and avoid its potentially catastrophic impacts.

### **The New York Times: Texas Blackouts Point to Coast-to-Coast Crises Waiting to Happen**

[Link](#) - Continent-spanning storms triggered blackouts in Oklahoma and Mississippi, halted one-third of U.S. oil production and disrupted vaccinations in 20 states.



## **MISCELLANEOUS**

### **MarketWatch: Deere's stock jumps after profit more than doubles, beats expectations by wide margin**

[Link](#) - Shares of Deere & Co. (DE) jumped 3.5% in premarket trading Friday, after the construction, agriculture and turf care equipment maker reported big profit and revenue beats for the fiscal first quarter, citing "improving conditions" in the farm and construction sectors, and provided an upbeat full-year outlook.

### **Wichita Eagle: Inventors imagine a farming future without floods and hail storms wrecking crops**

[Link](#) - In a small town in Kansas, two inventors are experimenting with a new way of growing food, which they believe could change farming in Kansas and the Midwest.

### **The Times and Democrat: 'Do better this time': Black farmers unconvinced by Vilsack vow**

[Link](#) - Vilsack, a former Iowa governor who served eight years as agriculture secretary under President Barack Obama, has been trying to assure minority farming groups and the senators that he

will work to "root out generations of systemic racism" in the agency.

**Minneapolis Star Tribune: Minneapolis gardener transformed gritty city lot into productive urban farm**

[Link](#) - Andy Lapham has a knack for salvaging castoff things and transforming them into something useful.

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Message

**From:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Sent:** 1/26/2021 10:28:01 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** Goffman, Joseph Calendar  
**Attachments:** Goffman Joseph Calendar.ics

Evening Joe. Below is your calendar for tomorrow. The morning is back to back. Please let Delaney and I know if you would like any revisions. If so, one option

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

Thank you for your patience and feedback.

Goffman, Joseph Calendar

Goffman.Joseph@epa.gov

On Wednesday, January 27, 2021

Time zone: (UTC-05:00) Eastern Time (US & Canada)

(Adjusted for Daylight Saving Time)

### January 2021

Su Mo Tu We Th Fr Sa

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



Busy



Tentative



Free



Out of Office



Working Elsewhere



Outside of Working Hours

### January 2021

▲ Wed, Jan 27



**Before 8:00 AM** Free



**8:00 AM – 8:30 AM** Free



**8:30 AM – 9:00 AM** Check-In















**9:00 AM – 10:00 AM** Records Management Briefing for Senior Officials and Political Appointees



**10:00 AM – 10:30 AM** Air Issues Meeting



**10:30 AM – 11:00 AM** Management Round Table

	11:00 AM – 11:30 AM	People Plus Time and Attendance
	11:30 AM – 12:00 PM	Climate Change Website
	12:00 PM – 1:00 PM	Lunch/Management time
	1:00 PM – 1:45 PM	Public Engagement Discussion
	<b>1:45 PM – 2:00 PM</b>	<b>Free</b>
	2:00 PM – 2:30 PM	One-on-One with Chris Grundler
	<b>2:30 PM – 2:45 PM</b>	<b>Free</b>
	2:45 PM – 4:15 PM	OAQPS All Hands 01-27-21 LE
	<b>4:15 PM – 4:30 PM</b>	<b>Free</b>
	4:30 PM – 5:00 PM	General Discussion with Joe
	5:00 PM – 5:30 PM	Check-In
	<b>After 5:30 PM</b>	<b>Free</b>

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Ann (Campbell) Ferrio  
 Chief of Staff  
 EPA/Office of Air and Radiation  
 Office: 202 566 1370

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/2/2021 4:44:50 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** RE: For Discussion

This is great, Ann. Thank you very much for doing this – and for yet again anticipating the opportunity to put it to good use.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Tuesday, March 2, 2021 11:23 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** For Discussion

Joe, a week or so ago we spoke a little about a management approach to cover the various aspects of the program. As you are meeting as a leadership team today, I wanted to provide a list of the various streams of work for the team to consider.

## Ex. 5 Deliberative Process (DP)

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/3/2021 12:05:32 AM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Alejandra Nunez [Nunez.Alejandra@epa.gov] [Nunez.Alejandra@epa.gov]  
**CC:** Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]  
**Subject:** FW: Kicking Ash paper out!  
**Attachments:** KickingAsh.pdf

Piece I mentioned at our General, Tomas, Ale, and Eunjung.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Just, Robin L <rjust@law.harvard.edu>  
**Sent:** Tuesday, March 2, 2021 1:07 PM  
**To:** Vizcarra, Hana V. <hvizcarra@law.harvard.edu>; Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Kicking Ash paper out!

It's pre-publication, but here it is! We get a nice mention in the acknowledgements. I love that my original idea for this was that the Sierra Club was overstating their impact in coal closures, and they seem to be a primary driver (Nilles was taking credit for EVERY closure, though, which was my beef). Federal regs are high up there as well.

It's nice this is finally seeing the light of day after all this time. Woot! Hana, we have access through Hollis, you have to search for POMS.

David's tweet <https://twitter.com/OpsStrategy/status/1366807740467716097>

**Robin Just | Director of Outreach and Communications**  
**Environmental & Energy Law Program | Harvard Law**  
Web - <https://eelp.law.harvard.edu>  
Twitter - <https://twitter.com/HarvardEELP>  
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Pronouns: she/her

# Kicking Ash: Who (or What) is Winning the “War on Coal”?

David F. Drake\* , Jeffrey G. York

Leeds School of Business, University of Colorado, Boulder, Colorado 80309, USA, dfdrake@colorado.edu, jeffrey.york@colorado.edu

US coal-fired generating capacity has shed nearly 25% of its footprint between 2011 and 2018. Multiple factors—regulation, natural gas prices, renewable energy adoption, and environmental activism—have each been lauded by various stakeholders for this trend. To improve our understanding of this environmental technology transition, it is important to determine the extent to which each of these factors has accelerated coal unit retirements. We do so in this study through an accelerated failure time model that utilizes data on US coal-fired generating units from 2008 through 2016. Our findings indicate that environmental regulation, reduced natural gas price volatility, increased utilization of renewable capacity, and the Sierra Club’s Beyond Coal campaign have all accelerated coal unit retirements. We do not, however, find evidence that natural gas price levels or the penetration of renewable capacity have accelerated coal unit retirements. Among the significant drivers, we estimate that the Beyond Coal campaign has had the greatest effect per unit, reducing expected operating life by an average of 24.4 months. However, among these factors, federal regulation affected the greatest number of coal units, and thus had the greatest aggregate impact on coal retirements. In *post hoc* analysis, we estimate that 40% of the generation that had been provided by retired coal-fired units spilled over to surviving coal-fired units. However, we estimate the 60% that was displaced from the coal fleet resulted in a 103.6 to 178.2 million metric ton net reduction in CO<sub>2</sub> emissions each year.

**Key words:** carbon emissions; climate change; environmental operations; environmental regulation; environmental activism  
**History:** Received: September 2019; Accepted: December 2020 by Atalay Atas after 2 revisions.

## 1. Introduction

Transitioning to cleaner production technologies is a critical step in reducing the environmental impact of the world’s industrial systems (Drake and Spiller 2013). Such technology transitions require both the adoption of clean technologies and the retirement of environmentally intensive technologies (Newell and Raimi 2018). The former is required to sustain (or grow) production levels to keep pace with demand, while the latter is required to reduce emissions.

For example, the rapid transition toward renewable energy and away from CO<sub>2</sub>-intensive energy sources such as coal is touted as an essential step to averting the worst outcomes of human-induced climate change (Intergovernmental Panel on Climate Change 2018). From 2008 through 2016, renewables—including hydropower and marine, solar, wind and bio energy—grew from 22.8% to 30.9% of the world’s installed power generating capacity (Energy Information Administration 2018a). However, over this same period, and despite its decreased share, total installed fossil fuel capacity also grew (Energy Information Administration 2018a). As a consequence, even with the increased penetration of renewables, emissions from global power generation grew by 12% from

11.83 to 13.25 Gigatons of CO<sub>2</sub> (International Energy Agency 2018).

Emissions reduction results only to the extent that clean technologies displace incumbent, emissions-intensive capacity. It is the operational decision to retire emissions-intensive capacity that results in emissions reduction. However, while substantial academic attention has focused on the adoption of clean technologies (e.g., Aflaki and Netessine 2017, Drake 2018, Drake et al. 2016, Georgallis et al. 2019, Kök et al. 2020, Pacheco et al. 2014, etc.), less attention has been given to factors that drive the decision to retire emissions-intensive technologies. In this study, we explore those factors in the context of US coal-fired power generation.

## 2. US Coal-fired Power Generation

Coal-fired power formed the bedrock of the US generating footprint from the 1940s through the early 2010s, fueling tremendous economic growth. However, coal is also the most environmentally harmful technology in the generation fleet (Muller et al. 2011). Due to the particulates and toxins that it emits, coal is associated with a host of environmental and health effects ranging from climate change to acid rain to hundreds of thousands of preventable heart attacks,

asthma attacks, and other medical maladies (Clean Air Task Force 2010, and Finkelman and Tian 2018). These impacts have led to the “war on coal,” a concentrated effort by politicians, entrepreneurs, and activists to supplant coal with alternative cleaner sources of power such as natural gas, wind, and solar energy.

Since the mid-1990s, coal-fired power generation has been the target of a bevy of environmental regulation including: the Acid Rain Program (ARP) implemented in 1995 to limit  $\text{NO}_x$  and  $\text{SO}_2$  emissions; air quality standards in 1997, 2006, and 2012 to limit the size and concentration of particulate emissions; and the Clean Air Interstate Rule (CAIR) in 2008 to further limit  $\text{NO}_x$  and  $\text{SO}_2$  emissions. US coal capacity proved inelastic to such efforts, with total coal-fired capacity hovering between 296 Gigawatts (GW) in 1988 and 317GW in 2011 (Energy Information Administration 2018b). However, recently the United States has shed coal capacity at an unprecedented rate.

From 2011 through 2018, coal-fired generating capacity in the United States has contracted by 23% (Institute for Energy Economics 2019). This is a stunning decline and, depending upon one’s perspective, either a rousing success of environmental stewardship or a devastating blow to an important economic resource. Regardless, multiple stakeholders have been given or have taken credit for coal’s decline. For example, EPA regulation is credited by some as the primary driver of the surge in coal-fired generating unit retirements (e.g., American Coalition for Clean Coal Electricity 2017). On the other hand, natural gas proponents argue that increased natural gas extraction due to hydraulic fracturing has led to lower natural gas prices that have enabled it to supplant coal (e.g., Anadarko 2013). Renewable energy advocates make similar claims, pointing to the plummeting price of wind and solar energy production over this same time period (Cheon and Urpelainen 2018). Finally, the Sierra Club and others claim that the vast majority of these coal retirements have resulted directly from the concerted activism of their “Beyond Coal” campaign (e.g., Sierra Club 2019).

How much credit each stakeholder deserves is an important empirical question, and one that can inform future efforts to transition away from environmentally intensive technologies. With recent analysis demonstrating that the early retirement of coal capacity is necessary to limit climate change (Tong et al. 2019), understanding the drivers of coal unit retirement is critical. This paper reports, to our knowledge, the first large-scale empirical examination of operational, market, and non-market drivers underlying the decision to retire coal-fired generating capacity.

We utilize data from 979 coal-fired generating units operating in the United States from 2008 through

2016. This sample represents roughly 96% of the coal-fired generating capacity that operated in the continental United States over that horizon. We estimate coal unit survival time through an accelerated failure time (AFT) model to identify the impact regulation, natural gas prices, renewable adoption and signaling, and the Beyond Coal campaign have had on the retirement rate. Through *post hoc* analysis, we estimate the share of generation from retired units that was absorbed by surviving coal units and the share displaced from the coal fleet, projecting that retirements accounted for an annual 103.6 to 178.2 million metric ton reduction in  $\text{CO}_2$  emissions.

### 3. Review of Related Literature

Our work relates to the growing literature focused on environmental technology choice. Technology choices are operational decisions regarding the technology a firm will use to meet its strategic goals (Cohen and Halperin 1986, Goyal and Netessine 2007). When, why, and how firms choose between available technologies has long interested operations scholars (Li and Tirupati 1994). However, more recent work has also looked at the broader implications of technology choice for both firms and society (Kalkanci et al. 2019). Within environmental technology choice, our work relates most closely to the operations management (OM) technology replacement literature, which considers the retirement of legacy capacity or processes.

*Technology replacement.* The retirements explored in the OM technology replacement stream differ from our work because replacement studies assume retirement and adoption are one-to-one—that is, the adoption of new technology (capacity) is assumed to be contemporaneous to and co-located with the retirement of legacy technology (capacity). For example, Kraft et al. (2013) examine firms’ decisions whether or not to replace a potentially hazardous substance given research and implementation costs and potential regulatory, consumer, and NGO pressure. Similarly, Dhanorkar et al. (2017) empirically investigate how external organizations and agencies can motivate firms to replace an environmentally intensive process with a less intensive process. This literature examines important questions aimed at improving environmental and social performance in settings where the one-to-one assumption core to technology replacement holds. Yet, in many critical industrial settings, such assumptions may not apply. This is the case with coal-fired generating capacity. For example, among the 348 coal-fired generating unit retirements in our data, only 62 were due to replacement. The remaining 286 retirement events were simply closures without a direct replacement. Given the uncoupled adoption

and retirement decisions in our setting, we focus on the latter to examine the under-studied factors that accelerate coal unit closures.

*Energy technology retirement.* In the realm of energy technology retirement, researchers have long purported that an operational choice perspective could be useful for improving firm level decisions (Masse and Gibrat 1957), creating long-term policy (Manne et al. 1979), and moving away from unsustainable energy sources (Powell and Oren 1989). However, the promise of such research has not been achieved. In a recent review of OM research on the electric supply industry, Parker et al. (2019) show that there is a strong and growing literature examining environmental technology/capacity adoption. Yet, their review found no papers addressing technology/capacity retirement. While OM research on energy technologies has examined critical questions regarding the adoption of clean technology, there is still need to develop our understanding of the divestment of emissions-intensive capacity. The drivers of the operational decision to retire coal-fired production capacity is, in particular, an important setting for such research (Oberschelp et al. 2019).

Research on coal-fired generating unit retirement has been published in energy and environmental journals more so than the OM literature. Yet, even in those literatures, the “war on coal” has received little empirical attention. We found one study directly examining coal-fired unit retirements (Schiavo and Mendelsohn 2019). This study found support for the theory that tighter regulation of coal-fired pollution and increased natural gas fracturing have accelerated retirements in the US; however, multiple factors were excluded from this analysis (e.g., plant and time effects, renewables adoption, gas price volatility, activism against coal, demand measures, etc.). Fleischman et al. (2013) compare coal unit costs to local gas and renewable costs to identify units that should be considered for retirement. Similar economic predictors have been examined elsewhere, with the broad findings that coal units are more likely to be retired when: (a) coal is more expensive; (b) coal retirement is less costly (e.g., older units forego less future value); and (c) natural gas and renewables are less expensive (e.g., Jewell et al. 2019, Maamoun et al. 2020). Contrasting this work, Linn and McCormack (2019) employ a computational model to simulate long-run generating portfolios. They caution that the posited effect of natural gas prices on coal retirements may be overstated, finding that demand reduction plays an equally important role.

But, what of the “war on coal”? Did activism and policy have little or no effect? Do gas and renewables play their purported role in coal retirement after accounting for other geographic and temporal trends?

Based on a review of the literature, it seems we know very little about the operational choice to retire coal-fired generating capacity. What empirical evidence we do have fails to rigorously consider potential simultaneous economic, policy, technological, and activism impacts. This paper contributes to our understanding of the “war on coal” sections a comprehensive analysis of factors potentially driving the operational decision to retire coal-fired generating capacity.

## 4. Research Context and Hypotheses

In our data, an average of 9.3 coal-fired generating units retired per year from 2005 through 2010, while an average of 55.8 units retired per year from 2011 through September 2016 (the end of our data horizon). Regulators, the natural gas boom, renewable adoption, and the Sierra Club’s Beyond Coal campaign have each taken credit for, or been lauded as, the primary factor in driving this trend in coal unit retirements. The hypotheses we develop in sections 4.1 through 4.4 are based on these claims. However, the null hypothesis—that none of these stakeholders have significantly impacted coal unit retirement rates—should not be discounted out of hand. Table 1 presents the number of retirements per year from 2005 through September 2016, and provides descriptive statistics related to the age of those units at the time of their retirement.

Despite the increased volume of retirements, it is not clear from Table 1 that coal units are retiring any sooner. It is possible that this trend in retirements simply reflects the surge in coal unit construction during the 50s and 60s, with those units now reaching their natural end of life. In light of this, rather than

**Table 1** Age (in Years) of Coal Units at Retirement

Year	Units retired	Age (years) at retirement...			
		Mean	Std. Dev.	Min	Max
2005	7	40.6	16.7	5.6	57.0
2006	9	45.4	6.8	34.4	51.5
2007	13	51.3	11.5	20.7	64.9
2008	4	51.1	8.7	39.0	59.3
2009	5	47.3	6.1	42.5	57.5
2010	18	58.3	7.9	44.3	69.7
2011	39	56.6	5.3	45.3	73.6
2012	66	56.0	5.5	40.0	64.9
2013	32	51.1	9.9	20.4	62.9
2014	27	54.7	6.8	38.3	63.8
2015	98	54.8	8.0	27.7	71.0
2016 (Sept.)	59	53.7	9.4	20.6	64.3
	377	54.1	8.5	5.6	73.6

Model free retirement statistics reveal no clear trends in the age of coal units at their retirement, suggesting that they may not be retiring any earlier in their economic lives despite the pressures they face.

simply assessing the impact of each potential retirement driver on the *likelihood* of a coal unit's retirement, it is more informative to examine the extent to which each driver *accelerated* those retirements. We frame our hypotheses accordingly.

#### 4.1. Emissions Regulation

Prior research demonstrates how a firm's operational practices can, in general, be shaped by policies that stringently regulate environmental quality (Drake and Just 2016, Shimshack and Ward 2005), while also demonstrating how such regulation can fail (Drake and Just 2016). In the case of coal-fired power generation, emissions regulation has likely been impactful. From an economic standpoint, the costs to comply with such regulation inherently increase the likelihood that utilities will retire a unit. Both sides of the political aisle agree. Political conservatives claim that coal unit closures are driven by the Obama administration's creation of unfair and job destroying regulations (Orr and Palmer 2018). More liberal voices laud the impact of regulation on coal unit retirements while arguing that such policies are required of "any national leader that takes environmental protection and the fate of the planet seriously" (Grunwald 2014). Despite the different spin, both sides claim that environmental regulation accelerates coal retirements.

**HYPOTHESIS 1A.** *Regulation limiting the emissions from coal-fired generation accelerates the retirement of those units.*

Furthermore, it stands to reason that the more environmentally intensive a unit is, the more economically and operationally challenging it will be to bring it into compliance with regulatory requirements. This would contribute to making regulation more impactful in accelerating the retirement of more environmentally intensive units.

**HYPOTHESIS 1B.** *Regulation will have a greater effect on accelerating the retirement of more emissions-intensive coal-fired units.*

#### 4.2. Natural Gas Prices

From 2005 through 2016 production of natural gas increased by over 50 percent (Energy Information Administration 2019a). As a result, gas prices plummeted from a typical range between \$0.017 and \$0.034 per kilowatt hour (kWh) to a range that has often been less than \$0.010/kWh since 2015 (Energy Information Administration 2019b). A transition from coal to gas as the primary fossil fuel in US power generation has coincided with this trend. In 2003, 51% of US electricity was generated using coal and only 17% was generated from natural gas (Knittel et al. 2015). By 2017,

30% of US electricity was generated using coal, while 32% percent was generated using natural gas (<https://www.eia.gov/tools/faqs/faq.php?id=427&t=3>).

Researchers have found that reduced natural gas prices have contributed to its greater adoption relative to coal in new plant construction (Wolak 2016). Furthermore, gas proponents claim that decreasing natural gas prices have accelerated coal unit closures (Energy Information Administration 2018c, Kemp 2016, Knittel et al. 2015). While it is established that decreased natural gas prices have increased the adoption of gas-fired generating units, whether these prices have accelerated the closure of coal-fired units or whether gas units have simply displaced coal units at the latter's "natural" end-of-life, has not been rigorously tested. We examine that question here.

**HYPOTHESIS 2A.** *Lower gas prices accelerate the retirement of coal-fired generating units; conversely, greater natural gas prices decelerate coal-fired generating units' retirement.*

Because the cost required to replace a coal unit with a gas unit prior to the former's natural end-of-life is substantial, it is reasonable to assume that generators are more likely to make this largely irreversible decision when natural gas prices are on a clear downward trajectory (Kotchen and Mansur 2016). As one energy executive we interviewed put it, it is important to "shield [our] customers from longer-term price uncertainties of fuel." Less uncertainty regarding the price of natural gas will reduce the risk operators and their customers are exposed to, thereby accelerating the retirement of coal capacity.

**HYPOTHESIS 2B.** *Lower natural gas price volatility accelerates the retirement of coal-fired generating units; conversely, greater natural gas price volatility decelerates coal unit retirements.*

#### 4.3. Wind and Solar Penetration

From 2008 through 2017, renewable capacity has grown from 11.1% to 19.7% of the US power generating portfolio (US Department of Energy 2017). Many factors are credited for the rise of renewables including a clarification of the most viable renewable energy technology paths (York and Venkataraman 2010), and policies that have directly regulated incumbent technologies such as coal (Georgallis et al. 2019, Pacheco et al. 2014). What is less understood, however, is how the increased adoption of renewable energy sources has impacted the retirement of coal units. Renewable energy advocates argue that rapidly falling costs for wind and solar energy have increasingly led utilities to close coal units in favor of renewable energy sources (Gimon et al. 2019).

Between 2010 and 2016, the global levelized cost of electricity—which includes amortized capital costs—fell 69%, from \$0.36/kWh to \$0.11/kWh for utility-scale solar photovoltaic plants and 18% from \$0.085/kWh to \$0.070/kWh for wind energy, with projects regularly delivering \$0.04/kWh (International Renewable Energy Association 2017). For comparison, in 2015, US coal-fired levelized costs of electricity were also an estimated \$0.04/kWh (Institute for Energy Research 2016). This trend in renewable costs led to projections as early as 2012 for renewable energy levelized costs below that for coal (Energy Information Administration 2012).

While adoption of renewables is often measured in capacity, actual generation may vary widely due to seasonality, geographic variance, and the intermittency of sun and wind resources. Due to its ability to ramp more efficiently, gas-fired generation is better positioned than coal to accommodate the intermittency of renewables (Kök et al. 2020, and Verdolini et al. 2018). With US demand for energy flat (Energy Information Administration 2018d), and given the greater ability of gas to complement renewables, coal is the more likely conventional technology to be phased out of the capacity footprint due to renewables growth.

**HYPOTHESIS 3A.** *Greater adoption of solar and wind capacity into a region accelerates the retirement of coal-fired generating units.*

Falling prices for solar and wind energy have also encouraged state-level policies promoting renewable adoption. The most widespread state-level policies are renewable portfolio standards (RPSs) which require retail electricity suppliers to produce a minimum percentage of their load with renewable energy. By 2017, 29 US states had announced an RPS, covering 56% of the national retail load (Barbose 2016). RPS policies have been demonstrated to increase renewables adoption in the states in which they are implemented (Pacheco et al. 2014). Furthermore, multiple states increased RPS targets over time as the challenges of grid integration and intermittency were resolved.

Utilities can progress toward achieving their RPS requirements through increased generation from renewables and/or through decreased generation from conventional fossil fuel sources. Thus, our expectation is that more demanding RPS targets incentivize not only increased renewable adoption, as has been previously demonstrated, but also an accelerated retirement of coal capacity.

**HYPOTHESIS 3B.** *Greater RPS targets for renewable energy production accelerate the retirement of coal-fired generating units.*

#### 4.4. Sierra Club Beyond Coal Campaign

Prior work has established that social movement organizations can effectively frame current practices as problematic to effect operational change (Hiatt et al. 2009, Sine and Lee 2009, Weber et al. 2008). In the case of the Beyond Coal campaign (<https://content.sierraclub.org/coal/>), the Sierra Club has altered the framing of coal from being the most economical current energy solution to being a major driver of human-induced climate change and other damaging health outcomes. For example, Beyond Coal rhetoric described coal units as “...our country’s dirtiest energy source, from mining to burning to disposing of coal waste” (<https://content.sierraclub.org/coal/>).

The Beyond Coal campaign has shifted environmental activism from picket lines to courtrooms. With their deep war chest—Michael Bloomberg alone has committed \$600 million to the campaign (Friedman 2019)—Beyond Coal employs litigators who battle coal operators in court. In this effort, the Sierra Club typically raises economic (as opposed to environmental) arguments to block rate increases earmarked for coal compliance investments. When successful in eliminating a rate increase, these efforts force coal units to close as operators are adverse to absorbing the cost of control technologies themselves. As stated by the lawyer representing a group of hospitals that had partnered with Beyond Coal to retire a plant in Oklahoma, the Sierra Club’s lawyers have “become masters at bringing financial arguments to environmental questions” (Grunwald 2015).

Through these efforts, the Sierra Club claims that their Beyond Coal campaign has retired one third of the nation’s coal-fired power generating fleet (Brune 2019). Analysis by one of Beyond Coal’s largest donors, Bloomberg Philanthropies, has claimed that at least 40% of US coal retirements since 2010 can be attributed to the movement’s advocacy (Grunwald 2015). However, even if these claims are true, it is not clear whether the Beyond Coal campaign nudges nearly retired units into closure, or substantively accelerates the retirement of the coal units it targets. We test the extent to which the Beyond Coal campaign has accelerated closures.

**HYPOTHESIS 4.** *The Sierra Club’s Beyond Coal campaign has accelerated the retirement of the coal-fired generating units that it has targeted.*

## 5. Data Sources and Variables

We employ a variety of data sources to investigate the potential drivers of US coal unit survival time. The backbone of our data was purchased from the “fuels” and “power” modules of the Ability Velocity Suite

from ASEA Brown and Boveri (ABB). The ABB Ability Velocity Suite includes data for all units required to report through the Energy Information Administration's Form 860 (Energy Information Administration 2018b): that is, all commercial generating units operating within plants with a total rated capacity of 1 MW or greater. This sample includes all significant fossil fuel generating units operating within the US. We augment the ABB data with data from many additional sources: the US Department of Energy; the National Renewable Energy Laboratory; the US Energy Information Administration; the Database of State Incentives for Renewables and Efficiency; dozens of legal documents, news articles, and press releases; the US Environmental Protection Agency; Thomson Reuters; the Sierra Club; and the League of Conservation Voters. The specific covariates drawn from each are discussed throughout this section. The choice of covariates described here is informed by interviews with more than 20 energy executives, energy NGO directors and analysts, energy policy experts, and environmental law experts.

From the ABB data, we include all coal-fired generating units in the contiguous United States that operated at some point over the horizon from January 2008 through September 2016 for which production and demand data were available. This reduced the sample from 1108 coal units in the full ABB data for the contiguous United States to 979 coal units (roughly 88% of the units and 96% of the capacity of the full sample). "Coal units" were determined as any unit with coal indicated as the primary fuel category as well as 41 units that had produced primarily with coal at some point over the data horizon but that were indicated to have natural gas as their primary fuel source by the end of the data horizon (the inclusion of these 41 units will be described in more detail in section 5.1). The robustness of results to the inclusion/exclusion of these 41 units is assessed in section 6.2.

In our sample, 948 units entered the sample as legacy units, having commercial online dates predating January 2008, while 31 units began operation within our horizon. Robustness of results to the decision to include these 31 delayed entries is tested in section 6.2. Of the units in the sample, 348 exited during the data horizon due to their retirement, while 631 of the units survived through the end of the horizon. Each coal unit in the sample operated within one of 408 plants. The number of coal units per plant ranged from a minimum of a single unit (127 instances) to a maximum of 10 units (2 instances), with an average of 2.40 coal units per plant.

Where appropriate (and as indicated below), lagging 12-month moving averages are used.

## 5.1. Dependent Variable

*Coal unit survival time.* The dependent variable for our analysis is coal-fired power generating unit survival time, which is demarked by a unit's retirement or is right censored by the end of the horizon. Right censoring is common in duration analysis and does not prohibit accurate estimates for survival times (Rodriguez 2010). As noted previously, our data include 348 retirement events, or slightly more than 35.5% of the sample. It is worth noting that a coal unit retirement can take three forms, which we refer to as "classic retirements," "conversions," and "switches." A classic retirement occurs when a unit produced with coal prior to the retirement event and permanently ceased all production following the retirement event. Conversion occurs when a coal-fired power generating unit is retrofitted to produce with another fuel source (typically, but not always, natural gas). Such conversions occur when a unit produces strictly with coal prior to the retirement event, but then (after capital investment and downtime) can produce strictly with a different fuel source following the retirement event. Finally, a permanent switch occurs when a unit capable of producing with both coal and another fuel source (known as dual-fire, or fuel switching units) have their capability to produce with coal dismantled. Such units produce with a combination of fuels prior to the retirement event, but are no longer capable of producing with coal following that event—that is, they are committed to producing with their non-coal fuel source. Of the 348 retirement events in our sample, 286 were classic retirements, 34 were conversions, and 28 were switches.

Included among the coal unit retirements are 41 units indicated in our data as gas-fired generating capacity. Each of these units had produced with coal, but had been converted to gas (24 units) or were a dual-fire unit that had been permanently switched to produce only with gas (17 units). The fuel category classification for these units, which is time-invariant in the ABB data, had been updated to "gas." However, for our purposes, these units are treated as coal retirements at the point of their conversion or permanent switch and were manually flagged within our data as such. Robustness of results to the decision to include these units is assessed in section 6.2.

## 5.2. Independent Variables

*Regulation of coal-fired generation.* The Clean Air Interstate Rule (CAIR) established emissions trading markets for NO<sub>x</sub> and SO<sub>2</sub> for generating units in 26 US states. CAIR's NO<sub>x</sub> market was implemented on January 1, 2008. However, CAIR was challenged in US Courts and the rule was vacated on July 11, 2008 by the US Court of Appeals in Washington DC (US Court

of Appeals 2008a). The US Court of Appeals then remanded this vacatur on December 23, 2008, which enabled CAIR's full implementation on January 1, 2009. In so doing, the US Court of Appeals also required that the US Environmental Protection Agency (EPA) issue a new rule to replace CAIR after further dialogue with all relevant stakeholders (US Court of Appeals 2008b).

The Cross State Air Pollution Rule (CSAPR) was developed by the EPA as CAIR's replacement. CSAPR required reductions in annual emissions of NO<sub>x</sub> and SO<sub>2</sub> from generating units in 28 US states. CSAPR was also vacated by the US Court of Appeals in Washington DC (US Court of Appeals 2012). However, this ruling was overturned by the US Supreme Court on April 29, 2014 (US Supreme Court 2014), paving the way for the implementation of CSAPR on January 1, 2015.

For coal units affected by CAIR and/or CSAPR, an indicator at the unit-year level for each rule is turned "on" at its respective implementation month (January 2008 for CAIR and January 2015 for CSAPR). The CAIR flag is then turned off following December 2014, its final month of implementation before CSAPR replaced it. The date of CAIR's initial implementation is used in our primary analyses. However, robustness is assessed with respect to the vacatur ordered over the second half of 2008. To assess whether CAIR and/or CSAPR had a greater impact on more environmentally damaging units, we interact each policy's indicator with the SO<sub>2</sub> emissions-intensity control detailed in section 5.3.

*Gas price level and volatility.* To develop counterfactual gas prices for the units in our data, we used the monthly weighted average gas price (\$/mmbtu) for the transmission area in which each focal coal unit operated. Over our sample, there are 53 such transmission areas. Weighted average gas prices were available at this level for all but 1777 of the total 38,265 plant-months. In the 4.6% of instances in which the transmission area weighted average price was not available, we used the monthly weighted average gas price for the North American Electric Reliability Corporation (NERC) sub-region in which the coal unit operated (of the 17 NERC sub-regions in our data). These gas prices were included as lagging, 12-month moving averages at the plant-month level.

Gas price volatility is captured as the standard deviation of gas price over the preceding 12 months. Raw gas prices from the counterfactual mosaic, rather than moving average gas prices, were used to derive these rolling, 12-month standard deviations at the plant-month level.

*Wind and solar adoption.* To assess renewable adoption we develop two measures: penetration of renewable capacity, and utilization of that capacity. We

obtained wind capacity data from the WINDEX-change platform (US Department of Energy 2016), which aggregates wind power installation information from the American Wind Energy Association. Through 2016, a total of 82,171 MW of wind capacity was included in the WINDEXchange data. For solar capacity data, we used the Open PV Project (US National Renewable Energy Laboratory 2017), which includes data related to 1,019,912 solar installations through September 2016, totaling 16,474 MW of installed solar capacity nationwide. This combined 98,645 MW of 2016 installed wind and solar capacity equates to roughly 97.2% of the utility-grade wind and solar capacity installed at the time (Energy Information Administration 2017). To derive utilization, we divided state-year level renewable generation (MWh) obtained from the Energy Information Administration (2020c) by installed capacity multiplied by 8760 annual hours. The renewable capacity and utilization measures were both included as lagging 12-month moving averages at the state-month level.

Data for state-year level RPS policies were obtained from the Database of State Incentives for Renewables and Efficiency (2018), which draws from a website hosted by the National Conference of State Legislatures (2018). To create our RPS measure, we took several steps. First, we looked up the year of passage, target percentage of electricity generated from renewable sources, and required compliance year for each state. For example, Arizona passed a RPS in 2008 requiring 2% generation by the year 2009. Second, because RPS standards vary over our data horizon as many targets were increased annually (e.g., Arizona's target increased by 0.5% annually 2008–2014), we updated the percentage for each state when a change took place. For example, in Colorado the original RPS target of 20% by 2020 was passed in 2008 and subsequently increased to 30% by 2020 in 2010. Third, we recorded any instances where a RPS was repealed (e.g., West Virginia in 2015) or changed to a voluntary "goal" (e.g., Kansas in 2015). In these instances, the RPS target prior to the repeal is the target set by law, while the target following the repeal is reset to zero. Finally, if the target year is met then we continue to measure RPS as the last recorded target, as we could find no instances of states reducing renewables generation in the wake of a successful RPS.

For our main analysis, we utilized the RPS target for each state-year. In robustness checks, we utilized a stringency measure calculated by dividing the target percentage by the number of months until compliance was required. Following the example from Colorado above, in 2008 our stringency measure was 20%/145 months (0.1379), while it was 30%/121 (0.2479) in 2010.

*Sierra Club Beyond Coal activism.* Through an exhaustive web search for articles, press releases, and legal documentation relating the Sierra Club to any of the 979 units in our data, we identified documents to corroborate Sierra Club involvement in facilitating the closure of 115 units. Furthermore, we identified an additional 20 retirements for which the Sierra Club explicitly claimed credit, but for which no associated legal documentation was discovered. We coded these units as Sierra Club verified and claimed victories, respectively. This data gathering process identified Sierra Club successes, but it is incomplete in that it does not include instances in which the Sierra Club targeted a unit but did *not* succeed in retiring that unit within our data's horizon.

Experts at the Harvard Environmental & Energy Law Program assisted in identifying instances where the Sierra Club targeted a unit that did not retire within our data horizon. If legal challenges at the local level fail to result in a unit's retirement, the plaintiff (in this case the Sierra Club) can appeal the challenge to the federal level by filing a Title V petition with the EPA. It is the opinion of the legal experts that we consulted with that filing such a petition would be standard process in the event of failure at the local level as the work required to file a Title V petition with the EPA would have been completed during the failed local challenge. Through the EPA's Title V Petition Database (Environmental Protection Agency 2020) and the Westlaw EPA Title V Final Orders Database (Thomson Reuters 2020), a total of 100 units from our sample were identified and coded as the target of a Title V petition filed with the EPA by the Sierra Club.

In total, we verified 207 units as having been targeted by the Sierra Club. Of these, 107 units were required to retire due to local action, 8 were required to retire following an EPA Title V petition, and 92 survived through the end of our data horizon. Sierra Club targeting is indicated at the generating unit-year level. It takes a value of 0 for all units until 2010 (the launch year of the Beyond Coal campaign), where it becomes 1 for the 207 targeted units and remains 0 for all other units. We assess robustness by including the additional 20 claimed victories as targets.

### 5.3. Unit-level Control Variables

A unit's characteristics such as age, generating capacity, operational capabilities, and by-products may all contribute to its retirement. The following variables are intended to control for such factors.

*Age.* Older units are likely more prone to retirement than newer units. To control for the effect of age, the difference in months between each period over the data horizon and the unit's commercial online month was coded at the unit-month level.

*Capacity.* Firm's may be more reluctant to retire larger units. To control for this possibility, each unit's nameplate capacity is included at the unit level. (Nameplate capacity for 13 of the sample's 979 units changed over the data horizon. These 13 units were coded at the unit-month level).

*Coal prices.* Coal units may be more likely to retire when and where coal prices increase. Lagging 12-month moving average coal prices (\$/mmbtu) are included at the unit-month level.

*Sulfur dioxide emissions intensity.* Due to greater perceived exposure to future regulation, more emissions-intensive units may be retired sooner. To control for this, lagging 12-month moving average sulfur dioxide intensity (SO<sub>2</sub> tons/MWh) was added at the unit-month level.

*Fuel switching capability.* Coal units capable of generating electricity through alternative fuel sources may be less exposed to retirement pressures. Units capable of using fuels other than just coal were therefore coded at the unit level as a control.

### 5.4. Regional Control Variables

Regional demand and capacity trends, and the general environmental sentiments of a region's populace may also influence retirement decisions. The following variables control for these factors.

*Transmission area load factor.* The level of demand relative to the level of available capacity within a region is likely to influence retirement rates. The lagged 12-month moving average for transmission area load factor—the area's demand normalized by the area's capacity—is therefore included as a control at the transmission area-month level.

*State-level coal mining revenues.* States that generate substantial revenue from coal mining may have a vested interest in preserving coal-fired generating capacity. To control for this possibility, we include the lagged 12-month moving average for coal mining revenues at the state-month level.

*Sierra Club memberships.* A coal unit's retirement may be influenced by the prevalence of environmental activism and the overall environmental consciousness of the population within the region where it operates. We include the lagged 12-month moving average (in thousands) of Sierra Club memberships to control for this potential factor. These data were received from the Sierra Club following an emailed request from the authors and are at the state-month level.

*League of Conservation Voters score.* To control for the influence each state's general political environment, we include scores from the League of Conservation Voters (LCV). These data were obtained from the 2008 through 2016 LCV "National Environmental Scorecard" which represent the "consensus of experts

**Table 2** Descriptive Statistics

	Mean	Percentile			Std Dev.	Level
		5th	50th	95th		
CAIR (y/n)	0.650	0	1	1	0.477	State-year
CSAPR (y/n)	0.134	0	0	1	0.340	State-year
Gas price/mmbtu	5.559	3.182	5.140	9.128	1.801	Plant-month
Std dev of gas price/mmbtu	1.038	0.281	0.737	2.586	0.861	Plant-month
State wind & Solar capacity (GW)	1.311	0.0001	0.453	5.478	2.652	State-month
Renewable utilization (%/100)	0.2173	0.00	0.2313	0.3829	0.1709	State-month
RPS target (%)	10.56	0	11	25	9.566	State-year
Beyond Coal activism (legal, y/n)	0.150	0	0	1	0.357	Unit-year
Age (months)	502.9	225	514	718	160.4	Unit-month
Capacity (MW)	368.6	54.40	280.0	735.9	274.0	Unit
Coal price/mmbtu	2.466	1.251	2.300	4.048	0.962	Unit-month
Fuel switching capability (y/n)	0.126	0	0	1	0.332	Unit
SO <sub>2</sub> emissions (SO <sub>2</sub> tons/MWh)	8.977	0.433	5.492	28.22	27.67	Unit-month
Transmission area load factor (%)	73.17	67.95	73.33	79.18	4.000	Trans. area-month
Coal revenues (\$100 MM/year)	13.24	0	3.638	62.02	23.68	State-month
Sierra Club memberships (000's)	10.91	1.716	9.199	22.92	7.478	State-month
League of Conservation Voters score	83.98	20.33	79.83	166.0	46.45	State-month

Mean, illustrative percentiles, standard deviation, and level for all independent and control variables, where “level” indicates the granularity of potential variation for each covariate.

from about 20 respected environmental and conservation organizations” (League of Conservation Voters 2008–2016). Two scores on a zero to 100 scale reflect each state’s US congressional House and Senate voting record on environmental issues. In our analysis, we include the lagged 12-month moving average of the sum of these scores at the state-month level.

Table 2 provides descriptive statistics and levels for all of our independent and control variables, while Table A1 in the Appendix presents correlations between each of these covariates.

## 6. Empirical Approach, Results, and Robustness

Our hypotheses explore the effect of various factors on the expected operating life of coal-fired power generating units. We therefore focus on duration-class empirical models. Within this class, our empirical strategy is shaped by the hierarchical structure of our data and the potential non-proportionality of our data’s hazard ratios.

*Hierarchical structure.* We conduct our analysis at the generating unit-month level. We must therefore account for the reality that multiple coal units are often co-located within a given power plant. Unless this structure between units is accounted for, factors that drive the closure of a plant as a whole would result in the errors for units co-located within the plant to be correlated, violating their assumed independence. Similarly, multiple plants operate within a given state. State-level factors may therefore concurrently affect multiple coal-fired generating units in

our data, which would again violate the assumed independence between errors associated with each unit.

We can address this issue by clustering standard errors at the highest level of the hierarchy (i.e., the state level), or through nested random effects (which also requires clustering at the highest level of the nesting). In addition to relaxing the assumed independence of errors within the nesting, nested random effects also control for unobserved plant- or state-level characteristics that may otherwise bias results. That is, while clustering standard errors relaxes the assumed independence of errors, nested random effects relaxes the independence of errors and accounts for shared level effects in coefficient estimations. Therefore, along with the error term,  $\varepsilon_{k,j,i}$ , we include nested random effects  $u_k$  and  $u_{k,j}$  in our model, where unit  $i$  operates at plant  $j$  in state  $k$ .

We assess the need for this hierarchical specification in section 6.2. To preview those results here, we find intra-class correlations between units co-located within the same plant, and between plants co-located within the same state, to be significant and meaningful. Incorporating the nested structure of the data, as we do through nested random effects, is necessary to avoid bias.

*Potential non-proportionality.* Proportional hazards are not supported in our data. Through an inspection of Kaplan–Meier curves relative to predicted survival curves, we could not conclude that they were close and parallel (Cleves et al. 2016). Furthermore, a quantitative analysis of Schoenfeld residuals also failed to support a proportional hazards assumption.

We take two steps to address this potential non-proportionality. First, we examine accelerated failure time (AFT) models for our analysis. This does not allay concerns related to non-proportional hazards in and of itself—AFT models make their own proportionality assumptions, as will be discussed. However, employing AFT models will allow a comparison of models to assess the fit and robustness of coefficient estimates across different proportionality assumptions. Second, we shift our data horizon to examine whether and how coefficient estimates evolve. Specifically, in section 6.2, we replicate our base estimation (a 2008 to 2016 horizon) with model horizons beginning in 2010 and 2012. In doing so we find that coefficient magnitudes do change, supporting the presence of non-proportional hazards. However, and critically, we find that conclusions related to our hypotheses are consistent across each horizon, and that our base model yields the most conservative coefficient estimates.

*Model specification.* AFT models provide flexibility (as a class) with their proportionality assumptions. For example, Weibull and exponential AFT models require proportional hazard ratio assumptions. However, log-logistic AFT models employ a proportional odds assumption (Rodriguez 2010). While proportional hazards assume that the hazard ratio remains constant over time, proportional odds assume that it converges to 1 as  $t \rightarrow \infty$ , making it a valuable alternative (Kirmani and Gupta 2001). Given that we are unable to support proportional hazards, in section 6.2 we compare proportional hazard and proportional odds models to assess fit.

We use the Weibull AFT model for our baseline analysis. Based on its estimated shape and scale parameters, Weibull AFT models have been used across a broad range of applications from the estimation of Zika virus survival in body fluids (Paz-Bailey et al. 2018), to an analysis of pricing policy on customers' repeated purchase of theater tickets (Teryağoglu et al. 2017). A Weibull AFT model, on log scale, takes the form of a model with extreme value (i.e., Gumbel) distributed residuals. In our case, with plant and state nested random effects, it is parameterized as

$$\ln(t_i) = \beta_0 + \mathbf{x}_i(t)' \boldsymbol{\beta}_x + u_k + u_{kj} + \varepsilon_{k,j,i},$$

where  $t_i$  is the (possibly right censored) survival time of the  $i$ th unit,  $u_k$  and  $u_{kj}$  are the nested state- and plant-level random effects, the unit-specific error  $\varepsilon_{k,j,i}$  is Gumbel distributed,  $\beta_0$  is an estimated constant, and  $\mathbf{x}_i(t)' \boldsymbol{\beta}_x$  are (potentially time variant) covariates and their estimated coefficients.

Covariates in AFT models expedite failure events (i.e., coal unit retirement) by a factor of  $\exp(-\boldsymbol{\beta}_x \mathbf{x}_i(t)')$ .

Importantly, coefficients are therefore interpreted as the negative of the acceleration factor—that is, negative coefficient estimates imply that increases in the covariate accelerate retirement, while positive coefficients imply that increases in the covariate decelerate retirement.

## 6.1. Results

Excluding interactions, variance inflation factors (VIF) for all variables were below 2.46, with a mean VIF of 1.68, supporting a very low multicollinearity risk (Kutner et al. 2005). With the inclusion of interaction terms, the mean VIF increases to 2.17, with a high of 6.02 for the interaction between the indicator for CAIR regulation and SO<sub>2</sub> emissions. As will be discussed below, our results are robust to the inclusion of this interaction. Table 3 presents our main results.

*Model fit and control variables* Each of the models in Table 3 yields reasonable estimates for coal-fired units' age at retirement, aligning with the retirement age averages presented in Table 1. Model 3 includes all variables aside from the potentially problematic interaction between the flag for CAIR regulation and SO<sub>2</sub> emissions. With a max VIF of 2.46 and mean VIF of 1.66, it raises no multicollinearity concerns. By comparing model 3 to model 4, it is evident that all estimates are robust—in terms of direction, magnitude, and significance—to the inclusion of the interaction between CAIR and SO<sub>2</sub> emissions.

Several of our control variables are significant. As expected, an older unit is nearer to its end of life than a newer unit, with expected time to retirement decreasing with each month in operation ( $\beta = -0.0005$ ,  $p < 0.05$ ). Larger units have longer operating lives, with each additional MW of capacity decelerating a unit's closure ( $\beta = 0.0007$ ,  $p < 0.01$ ). More emissions-intensive units (in terms of SO<sub>2</sub> emissions) retire sooner ( $\beta = -0.0005$ ,  $p < 0.01$ ). In terms of our significant regional control variables, units operating in more heavily utilized transmission areas remain in service longer. Each incremental percentage point of transmission area load factor decelerates closure ( $\beta = 0.0165$ ,  $p < 0.05$ ). Finally, units in states with more Sierra Club memberships retire sooner than those operating in states with less membership ( $\beta = -0.0097$ ,  $p < 0.05$ ).

*Main results* Claims that regulation has accelerated coal-unit retirements (Hypothesis 1A) are supported. Implementation of both CAIR ( $\beta = -0.1720$ ,  $p < 0.05$ ) and CSAPR ( $\beta = -0.2070$ ,  $p < 0.05$ ) accelerated retirement rates. We find partial support that this regulation has had a greater effect on more emissions-intensive units (Hypothesis 1B) as greater SO<sub>2</sub> intensity strengthened the impact of CSAPR ( $\beta = -0.0014$ ,  $p < 0.01$ ), but had no statistically significant effect on the retirement rate due to CAIR.

Table 3 Main Results

		(1)	(2)	(3)	(4) Base
H1	CAIR, 2008–2015 (y/n)	−0.1431** (0.0663)	−0.1762** (0.0712)	−0.1570** (0.0675)	−0.1570** (0.0675)
	CSAPR, 2015 onward (y/n)	−0.2164** (0.0892)	−0.2185** (0.0896)	−0.2043** (0.0871)	−0.2043** (0.0871)
	CAIR×SO <sub>2</sub> intensity (tons/MWh)		0.0017** (0.0008)		0.0017** (0.0008)
	CSAPR×SO <sub>2</sub> intensity (tons/MWh)			−0.0016*** (0.0005)	−0.0016*** (0.0005)
H2	Gas price/mmbtu	0.0129 (0.0316)	0.0136 (0.0320)	0.0134 (0.0316)	0.0134 (0.0316)
	Std Dev of gas price/mmbtu	0.0231 (0.0143)	0.0240* (0.0142)	0.0238* (0.0143)	0.0241* (0.0142)
H3	State wind & solar capacity (GW)	0.0125* (0.0069)	0.0127* (0.0068)	0.0135* (0.0072)	0.0134* (0.0071)
	Renewable utilization	−0.1270** (0.0539)	−0.1245** (0.0528)	−0.1235** (0.0524)	−0.1227** (0.0522)
	RPS target (% of state capacity)	−0.0002 (0.0021)	−0.0006 (0.0021)	−0.0006 (0.0021)	−0.0007 (0.0021)
H4	Beyond Coal activism (y/n)	−0.2435*** (0.0706)	−0.2442*** (0.0705)	−0.2459*** (0.0715)	−0.2459*** (0.0715)
Unit controls	Age (months)	−0.0006**	−0.0006**	−0.0006**	−0.0006**
	Capacity (MW)	0.0008***	0.0008***	0.0008***	0.0008***
	Coal price/mmbtu	0.0073	0.0067	0.0072	0.0069
	Fuel switching capability (y/n)	−0.0053	−0.0056	−0.0062	−0.0061
	SO <sub>2</sub> intensity (SO <sub>2</sub> tons/MWh)	−0.0006***	−0.0008**	−0.0003**	−0.0005**
Regional controls	Transmission area load factor (%)	0.0153**	0.0150**	0.0148**	0.0147**
	State coal revenues (\$100 MM/yr)	0.0003	0.0002	0.0004	0.0003
	State Sierra Club memberships (000's)	−0.0104**	−0.0103**	−0.0097**	−0.0096**
	League of conservation voters score	0.0004	0.0005	0.0005	0.0005
	Constant	2.7679***	2.7793***	2.7568***	2.7525***
Mixed effects	Plant and state random effects	Yes	Yes	Yes	Yes
	Year fixed effects	Yes	Yes	Yes	Yes
Model fit	Model $\chi^2$	2978	3126	3357	3262
	Model $p$ -value	0.0000	0.0000	0.0000	0.0000
	Akaike information criterion	3396.5	3394.8	3391.1	3390.3
	Bayesian information criterion	3669.1	3676.8	3673.1	3673.7
VIF	Mean VIF	1.68	2.11	1.66	2.17
	Max VIF	2.46	5.28	2.46	5.02
	Max VIF variable	LCV Score	CAIR × SO <sub>2</sub>	LCV Score	CAIR × SO <sub>2</sub>
Sample	Units	979	979	979	979
	Retirements	348	348	348	348
	Unit-months	89,378	89,378	89,378	89,378
	Estimated age at retirement (years)	52.37	52.28	52.26	52.23

\*\*\* $p < 0.01$ , \*\* $p < 0.05$ , \* $p < 0.1$ . Independent variable standard errors are reported in parentheses.

Claims that lower natural gas prices accelerate coal unit retirement (Hypothesis 2A) are not supported. Gas price level had no significant impact on retirement rates. However, Hypothesis 2b, that lower gas price volatility accelerates coal unit retirement, is supported ( $\beta = 0.0241$ ,  $p < 0.10$ ).

We find mixed support for Hypothesis 3A. Claims that increased penetration of wind and solar capacity accelerates coal retirement are not supported. In fact, we find weak statistical support for the opposite effect; that increased penetration of renewables *decreases* coal unit retirement rate ( $\beta = 0.0134$ ,  $p < 0.10$ ). However, results do support that greater utilization of renewable

capacity significantly accelerates retirements ( $\beta = -0.1227$ ,  $p < 0.05$ ). We reserve conjecture related to these contradictory results for the discussion. Greater RPS targets do not significantly accelerate coal unit retirement, indicating no support for Hypothesis 3B.

Sierra Club targeting a unit significantly accelerates the unit's retirement rate ( $\beta = -0.2457$ ,  $p = 0.01$ ). This provides support that Sierra Club's Beyond Coal campaign materially reduces the operating lives of coal units (Hypothesis 4), rather than simply attacking nearly retired units.

Table 4 summarizes results related to our hypotheses.

**Table 4 Summary of Hypotheses and their Support**

	Hypotheses	Support
H1a	Regulation has accelerated coal retirements	++
H1b	Regulation has a greater effect on more intensive units	+
H2a	Lower gas prices accelerate coal retirements	×
H2b	Less volatile gas prices accelerate coal retirements	+
H3a	Solar and wind adoption accelerate coal retirements	+/-
H3b	More aggressive RPS targets accelerate coal retirements	×
H4	Sierra Club's Beyond Coal campaign accelerates retirements	++

++ indicates strong support. + indicates weak support. × indicates no support. – indicates support counter to the hypothesized effect.

## 6.2. Model Robustness

*Hierarchical specification.* To evaluate the multi-level hierarchy of our principal empirical model (units belong to plants, which belong to states), we compare it to three possible alternatives: no random effects (but with standard errors clustered at the plant level), plant random effects only (units belong to plants), and plant and owner random effects (units belong to plants, which belong to owners). Results are presented in Appendix Table A2, with standard errors clustered at the plant and owner level, respectively, for the latter two models.

In model 2, the plant-level intra-class correlation coefficient (ICC) is 0.8907 ( $p < 0.01$ ). Furthermore, comparing model 2 to model 1, the difference in some coefficient magnitudes (e.g., more than a 500% change in the renewable capacity coefficient, and 100% change in the Sierra Club coefficient) indicate that, in order to avoid bias in estimated levels, this ICC should be addressed through nested random effects rather than clustering alone. Adding the state level to the hierarchy as in our principal analysis (model 3) has a lesser effect. The state-level ICC is 0.0345 ( $p < 0.05$ ), indicating that errors between units belonging to the same state are significantly, but marginally, correlated.

The unit/plant/owner hierarchy in model 4 provides an alternative structure to the unit/plant/state hierarchy in the main model. ICC for the owner level in this model is 0.0004 ( $p < 0.01$ ). While significant, it is nearly two orders of magnitude less than the already marginal magnitude for the state-level ICC in model 3.

In addition to these tests, we also tested a specification where state random effects were replaced by state fixed effects. Results were consistent in terms of direction and relative magnitude, but with a decrease in significance for CSAPR and renewable utilization, and lost significance for gas price volatility, and renewable penetration. These results are available from the authors upon request.

*Distribution of errors.* It is clear from Table A3 that the exponential model (model 3 in the table) is

misspecified. It yields a wholly unreasonable average age at retirement of more than 1.7 million years. The Weibull and log-logistic models, on the other hand, produce reasonable expected life estimates and perform similarly. The principal differences between the two models' results are that the interaction of the CSAPR policy indicator with SO<sub>2</sub> intensity is significant under the Weibull specification while the interaction of the CAIR policy indicator with SO<sub>2</sub> intensity is significant under the log-logistic specification. The Weibull model yields better performance based on the Akaike and Bayesian criteria, supporting its use in the principal analysis.

*Data and lag horizon.* Table A4 presents results when we shift the data horizon. The base horizon (2008–2016) is presented alongside results when the horizon begins in 2010, and 2012 in models 2 and 3, respectively. The magnitude of estimated coefficients change with this shift in horizon, which provides evidence of non-proportional hazards. However, despite non-proportional hazards, the base model provides the more conservative magnitude estimates and conclusions regarding support (and lack of support) for our hypotheses are generally consistent across each data horizon. The exceptions were the effect of renewable capacity in decelerating coal unit retirement rates, which loses its significance over shorter data horizons, and the interaction of SO<sub>2</sub> intensity with regulation for which significance shifts from CSAPR to CAIR.

Robustness to the lag horizon used in the base model was tested by replacing 12-month moving averages with 24-month moving averages. In doing so, gas price volatility lost significance, and the controls for transmission area load factor and Sierra Club memberships became less significant.

*Data inclusion decisions.* Recall from section 5.1 that our sample includes 41 generating units that had once operated as coal units but had been converted to gas (24 units), or permanently switched to use only gas (17 units). While these units are active gas units from an energy analyst's perspective (and therefore flagged as gas units in the ABB data), their coal-burning capability has been retired. For our purposes, they are therefore counted as retired coal units in base estimations. As seen in Table A5, when these 41 units are excluded from the sample, while still directionally supported, the effect of gas price volatility on coal unit retirement rates loses its significance. All other results are consistent in terms of their support.

We also tested the robustness of results to delayed entries—the 31 units with commercial online dates after January 2008. Results are robust to the exclusion of these delayed entries.

*Alternative measures.* Table A6 presents results when testing the base model's robustness to the use of

alternative measures for state-level RPS, Sierra Club targeting, and CAIR. In model 2, base RPS targets were adjusted for “urgency” by dividing that target by the number of month’s remaining to the specified compliance deadline. In model 3, legal documentation for Sierra Club targeting along with Title V petitions was replaced by Sierra Club claims along with Title V petitions. In model 4, the CAIR indicator was adjusted by turning the CAIR indicator “off” over the 6 months in 2008 that the regulation’s vacatur was in effect. Results are robust in terms of direction and significance across each of these alternative measure models.

Additionally, we tested  $\text{age}^2$  and  $\sqrt{\text{age}}$  as alternative measures for age. As Table A7 indicates, this resulted in no changes in direction or reduction in significance levels aside from the alternative age term.

## 7. Discussion, Limitations, and Conclusions

Figure 1 presents the marginal effects for each of the hypothesized drivers of coal-unit retirement that were supported with significance. As evident from the figure, non-market factors—federal regulation and Sierra Club activism—had the greatest effect in accelerating coal unit retirement rates. Market and operational factors such as natural gas prices and renewable penetration, have had a lesser or no significant effect on retirements.

*Environmental regulation.* Our results indicate that regulation has had a strong impact in accelerating coal unit retirements, validating claims by both sides of the political spectrum (e.g., Grunwald 2014, Orr and Palmer 2018). As evident in Figure 1, when holding all other covariates at their mean, regulation by CAIR and by CSAPR decreased the life of a coal unit by an average of 16.0, and 21.6 months, respectively. As a main effect, this is a greater per unit impact than all factors studied except for the Sierra Club’s Beyond Coal campaign.

Given that both CAIR and CSAPR were intended to limit emissions from power generation, one might expect that they would accelerate the retirement of more emissions-intensive units to a greater extent. We observe this effect with CSAPR. As indicated in Figure 1, CSAPR has significantly reduced the operating life of units with below-median emissions intensity by an average of 18.9 months as compared to 22.7 months for units with above-median emissions intensity. However, in our base model, CAIR did not significantly affect coal units’ retirement based on their emissions intensity. It is possible that this is driven by the finite horizon of CAIR as a condition of its vacatur’s removal. Mandating an end to CAIR as its

implementation was allowed may have encouraged some operators to delay decisions related to their coal units in order to learn whether those units would be covered by CAIR’s replacement policy.

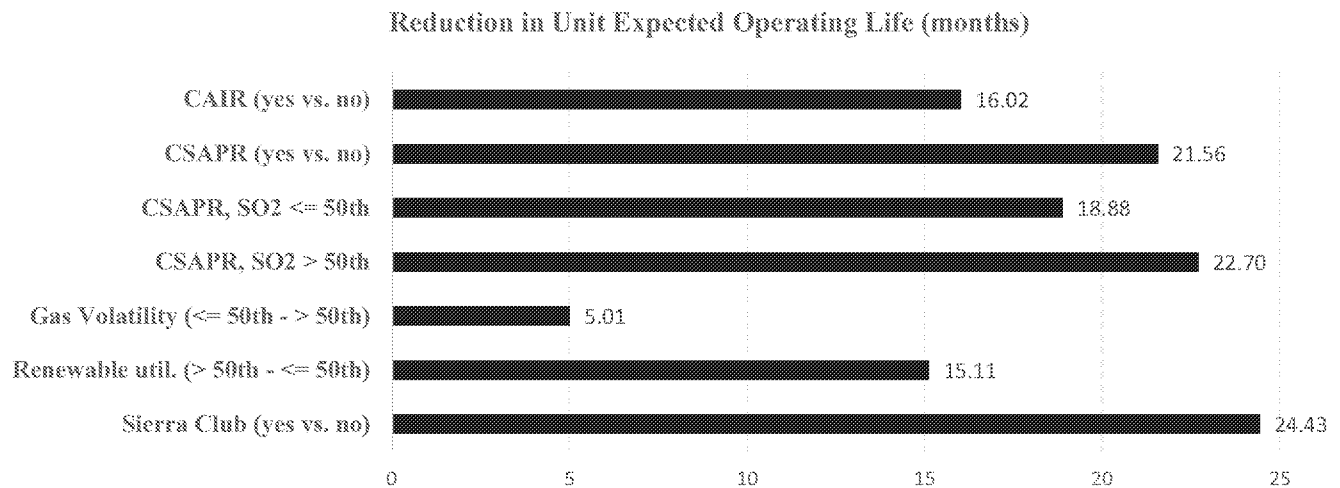
Overall, both CAIR and CSAPR played a substantial role in reducing the expected life of the coal units that they covered. However, the full impact of these policies on the retirement rate of coal units only comes into focus when considering their aggregate effect. In our sample, CAIR affected 766 units and CSAPR affected 652 units. Combining this breadth of impact with each policy’s per unit effect on coal-fired units’ operating life, CAIR and CSAPR have reduced the coal fleets operating life across the country by an aggregate of roughly 1021 and 1174 unit-years, respectively—far more than any other factor tested.

*Gas prices.* There is evidence that lower natural gas prices have driven the adoption of gas as an alternative to coal (e.g., Wolak 2016). However, gas proponents and others have further argued that lower natural gas prices have also been pivotal in driving the early retirement of coal capacity (Anadarko 2013, Energy Information Administration 2018c, Kemp 2016, Parker et al. 2019), but we do not find support for this claim over our data range (i.e., a 5th to 95th percentile range of 3.182 to 9.128 \$/mmbtu). This non-result is surprising, and counter to the popular narrative.

There are potential behavioral and practical reasons underlying this non-result. When an operator evaluates a coal unit’s profitability, gas prices do not meaningfully affect the outcome. Gas prices only affect coal unit retirement rates if operators go beyond evaluating whether or not the coal unit is profitable, to evaluate whether it would be *more* profitable if it were replaced with a gas unit. The literature examining opportunity costs has found that they are typically undervalued relative to real costs (e.g., Rudi and Drake 2014), providing a potential behavioral explanation for why gas price levels are not found to effect coal unit retirement rates. Furthermore, gas price levels would only contribute to accelerating coal retirement rates if the profit difference between a coal unit and its hypothetical gas replacement was sufficiently great to offset capital deployment and permitting/bureaucratic effort and risk.

If simultaneity was present in the data—that is, if gas prices *increased* in anticipation of a coal unit closure—it could suppress the hypothesized effect. However, this seems unlikely as gas consumption added in anticipation of a coal unit closure would be atomistic with respect to overall gas demand. For example, if a large (90th percentile) gas unit of 600 MW replaced a coal unit, it would represent a small fraction of the roughly 477,000 MW of US gas generating capacity in 2016, which in turn accounted for only

**Figure 1** Marginal Effects from the Factors Supported with Significance.  $\leq 50$ th (and  $> 50$ th) Indicate Below (Above) Median Levels of the Related Covariate.  $\leq 50$ th– $> 50$ th Indicate the Difference Between the Marginal Effect on Below Median Units Relative to the Marginal Effect on Above Median Units



36.4% of natural gas demand (Energy Information Administration 2020b).

While gas price levels do not significantly affect coal unit retirement rates, lower gas price volatility does (which is weakly supported in the base model and most, but not all, robustness tests). While holding values constant at their mean for all other covariates, coal units in regions with gas price volatility below the median can be expected to retire 5.0 months sooner than coal units in regions with gas price volatility above the median. This is less than one-third the main effect of other significant coal-retirement drivers.

*Wind and solar adoption.* Despite claims by renewables advocates (Gimon et al. 2019), we find no support that the adoption of wind and solar capacity accelerates coal unit retirement. In our base model and most (but not all) robustness tests, we find weakly significant support for the opposite—that the adoption of renewable capacity *delays* coal unit retirement. This is contrary to our hypothesis and contrary to potential simultaneity effects, which would exist if renewable capacity were added in response to future coal retirements. We conjecture that this deceleration may be because renewable capacity penetration forces gas generating units to be available as an intermittency backstop. In other words, as renewable capacity in a region increases, the portion of gas-fired generation that could be pre-committed to a base-load role would decrease. This is because an increasing portion of that gas capacity would need to provide recourse if renewable capacity is unavailable due to its well-documented intermittency. This need to remain flexible with the deployment of a greater portion of gas capacity in the region could encourage prolonged life for coal units in the area.

Unlike renewable capacity itself, we do find the utilization rate of that capacity accelerates coal unit retirement. Wind and solar utilization rate is driven by natural sources of intermittency—wind velocity and the intensity of sunlight—rather than active decision-making. As such, the intermittency-driven utilization of renewable capacity can be thought of as a form of availability: how often, based on natural factors, will the renewable capacity be able to operate. More reliably available renewable capacity would diminish (but not eliminate) the portion of gas capacity reserved for a recourse role which, in turn, would allow for the earlier retirement of coal capacity. To wit, in regions with above median utilization rates for renewable capacity, coal units retire an estimated 15.1 months sooner than they would have had they operated in regions with below median utilization rates for renewable capacity.

*Beyond Coal activism.* The Beyond Coal campaign has been lauded as being a pivotal force in driving coal capacity from the US generating footprint (e.g., Grunwald 2015, Sierra Club 2019). Our results support these claims, identifying Sierra Club activism through the Beyond Coal campaign as the single most effective driver in terms of accelerating per unit coal retirements. As indicated in Figure 1, while controlling for all other covariates at their mean levels, targeting by the Sierra Club Beyond Coal campaign reduces a coal unit's expected life by 24.4 months. Over the 207 units in our sample identified as targeted by the Sierra Club, this amounts to an aggregate total of roughly 421 unit-years of operation prevented by the campaign through September 2016. This may represent a slightly conservative estimate. Using the organization's claims (model 3 of Table A6), Sierra Club's effect in accelerating coal unit retirement

increases to 27.0 months per unit and an aggregate total of 511 unit-years. In short, Beyond Coal has had a pronounced impact on accelerating the retirement of scores of coal-fired generating units throughout the US.

### 7.1. *Post Hoc* Analysis—Impact of Retirements on Coal Generation and Emissions

While our principle analysis investigates which factors have driven the retirement of coal-fired generating units, it does not assess whether those retirements have reduced carbon emissions. A Welch's *t*-test indicates that the 348 units that retired over our data horizon were significantly smaller and less utilized than the 631 units that survived. Units in the sample that retired were 37.0% the size of surviving units (167.0 MW vs. 451.5 MW,  $p < 0.0001$ ) and 19.8 points less utilized (58.0% load factor over retired units' operating lives within the data horizon vs. 77.8% for surviving units,  $p < 0.0001$ ). This begs the question (e.g., Storrow 2019): did the observed retirements significantly move the needle with respect to reducing carbon emissions, or was the generation from these smaller, retired units simply absorbed by the larger coal units still in operation?

To address that question we estimated 2009 through 2016 annual, state-level coal generation. We did so through a panel regression with each state's cumulative number of coal unit retirements as the independent variable of interest. We controlled for each of the independent and control variables from the main analysis and included state and year fixed effects. Specifically, we controlled for the number of coal units in operation that were targeted by CAIR, the number targeted by CASPR, the number targeted by the Sierra Club, the number of fuel switching units, and the number of Sierra Club memberships, each at the state-year level. We also controlled, at the state-year level, for lagged, average: gas price, standard deviation in gas price, renewable capacity, renewable utilization, coal price, coal mining revenues, and transmission area load factor. Finally, we controlled, at the state-year level, for RPS target, LCV score, average unit age, and average unit capacity.

Based on this estimation, each retirement over our horizon reduced coal-fired power generation by 511.1 GWh per year ( $p < 0.001$ ). Given the 167 MW average capacity and 58% average load factor for units retired over the data horizon, and the 8760 available generating hours per year, a retired unit in our sample generated an average of 848.5 GWh of power each year that it operated. This implies that roughly 40%  $([848.5 - 511.1] / 848.5 = 0.398)$  of the power that had been generated by a retired coal unit was absorbed by surviving coal units. The concern that power generated by a retired coal unit may simply

spill-over to other coal-fired generators is valid. That said, an estimated 60% of the power that had been generated by retired coal units in our sample was removed from the coal fleet, a shift that results in sizeable environmental improvement.

Given the estimated 511.1 GWh reduction in a state's annual coal-fired power generation for each retired unit over our horizon, coal-fired generation was reduced nationally by 177,862 GWh per year due to the 348 retirements in our sample. Coal emits 1002 metric tons of CO<sub>2</sub> per GWh while natural gas emits 419.5 metric tons of CO<sub>2</sub> per GWh (Energy Information Administration 2020a). The reduction in coal-fired generation due to retirements in our data therefore equates to an annual reduction in emissions between 103.6 million metric tons of CO<sub>2</sub> (if 100% of the reduction in coal-fired generation is replaced by natural gas) and 178.2 million metric tons of CO<sub>2</sub> (if 100% of the reduction in coal-fired generation is replaced with renewables or not replaced). This emissions reduction is equivalent to between 7.7% and 13.2% of the coal-fired emissions generated in 2016 (Energy Information Administration 2020d). To cast this emissions reduction in a different light, the annual decrease in CO<sub>2</sub> emissions due to coal unit retirements in our sample equates to between slightly more than 260% and 450% of the CO<sub>2</sub> emissions generated by the entire US cement industry in 2016 (Statista 2020)—another notoriously emissions-intensive sector.

### 7.2. Limitations

As with any empirical analysis, ours suffers from limitations. First, despite our best efforts to econometrically address any sources of endogeneity, there exists a potential for simultaneity that cannot be resolved through lagged explanatory variables (Bellemare et al. 2017). However, as discussed above, simultaneity is unlikely to drive the results related to renewable energy penetration and gas price levels, which intuitively seem to be the factors that would be most vulnerable to such endogeneity.

Second, as our data horizon ends in September 2016, there is a possibility that the effects of the factors studied here on coal unit retirements have evolved. It is important to consider that our analysis may be more applicable to how environmental technology transitions begin, rather than end. For example, within the scope of our data covering the initial phases of the transition away from coal, we found Sierra Club activism and federal regulation to be highly effective, while market factors such as substitute input costs were less so. Perhaps, although, if gas price continued to decrease beyond the range in our data, it may become a significant factor in driving coal unit retirement, while activism and federal regulation

could potentially become less effective levers in the waning phases of an environmental technology transition. We look forward to future research that builds on the findings here to increase our understanding of such technology transition dynamics.

### 7.3. Conclusions

Results indicate that federal regulation, renewable utilization, and Sierra Club activism have had the most substantial effect in accelerating coal unit retirement rates. Both CAIR and CSAPR have accelerated coal retirements by an average of more than 16 and 20 months, respectively. In aggregate, these policies have reduced coal unit expected life by an estimated 1021 and 1174 years. Sierra Club activism through their Beyond Coal campaign contributed the largest per unit marginal effect, accelerating coal unit retirements by 24.4 months for each of the 207 units identified as being targeted by the campaign's lawyers. As a consequence, the Sierra Club's efforts have contributed an estimated aggregate of 421 years in reduced coal capacity life.

Natural gas prices have been demonstrated to contribute to the adoption of gas capacity as an alternative to the adoption of coal capacity. However, we find no significant support that natural gas price levels contributed significantly to increased coal unit retirement rates. We do find weak support that reduced gas price volatility accelerates retirement rate, but the magnitude of this effect is minimal relative to other significant contributors. Similarly, we do not find that the penetration of renewable capacity or states' RPS targets significantly increased retirement rates. However, greater utilization of renewable capacity does contribute to increased coal unit retirement rates. We find that, in regions with above-median utilization for renewable capacity, coal-fired units retire 15.1 months sooner than in regions with below-median utilization.

A *post hoc* analysis indicates that 40% of retired coal units' former production is absorbed by surviving coal units. However, the 60% of retired units' former production displaced from the coal fleet improves the energy sector's environmental impact, reducing annual CO<sub>2</sub> emissions by an estimated 103.6 to 178.2 million metric tons each year. As a consequence, the factors identified as accelerating coal retirement also contribute to significant environmental improvement.

These results have important implications for policy makers, managers, and social movement organizations. Our findings indicate that non-market factors have been major drivers of coal unit retirement. Along with federal policies that directly regulate coal-fired units, our findings indicate that the Sierra Club has been quite effective in their "War on Coal," suggesting tactics that may benefit other environmental activists. While the literature predominantly focuses on adoption, adoption alone is not sufficient to drive environmental technology transitions. Equally important in such transitions is the retirement of environmentally intensive technologies. This study contributes to our understanding of the drivers of that retirement, and thus our ability to transition away from environmentally harmful technology.

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## Appendix A. Correlation Table and Robustness Tests

Table A1 Correlation Table

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
(1) CAIR, 2008 to 2015 (y/n)	1.00																
(2) CSAPR, 2015 onward (y/n)	-0.54	1.00															
(3) Gas price/mmbtu	0.24	-0.35	1.00														
(4) Std dev of gas price/mmbtu	0.07	-0.17	0.65	1.00													
(5) State wind & solar capacity (GW)	-0.09	0.15	-0.19	-0.07	1.00												
(6) Renewable utilization	-0.33	0.21	-0.09	-0.03	0.20	1.00											
(7) RPS target (% state capacity)	-0.15	-0.06	-0.06	-0.13	0.13	0.19	1.00										
(8) Beyond Coal activism (legal, y/n)	0.03	0.04	-0.19	-0.10	0.03	0.02	-0.04	1.00									
(9) Age (months)	0.10	0.07	-0.04	-0.03	-0.19	-0.04	0.05	0.14	1.00								
(10) Capacity (MW)	-0.02	0.08	-0.10	-0.07	0.17	0.05	-0.04	0.01	-0.52	1.00							
(11) Coal price/mmbtu	0.26	0.02	-0.16	-0.19	-0.21	-0.19	-0.10	0.04	0.21	-0.13	1.00						
(12) Fuel switching capability (y/n)	0.01	-0.01	0.01	0.00	0.12	0.01	0.11	-0.02	0.02	-0.14	0.05	1.00					
(13) SO <sub>2</sub> emissions (SO <sub>2</sub> tons/MWth)	0.08	-0.05	0.06	0.00	-0.04	-0.02	-0.04	0.03	0.12	-0.09	0.05	-0.01	1.00				
(14) Transmission area load factor (%)	-0.33	-0.02	0.00	0.11	-0.01	0.19	0.19	0.03	-0.01	-0.10	-0.41	0.00	-0.01	1.00			
(15) State coal revenues (\$100 MM's)	0.00	-0.09	0.06	0.16	-0.03	-0.06	-0.10	-0.06	-0.06	0.02	-0.19	-0.08	-0.01	0.32	1.00		
(16) State SC memberships (000's)	0.17	0.05	0.04	-0.16	0.28	0.08	0.42	-0.02	0.03	0.00	0.10	0.09	0.02	-0.14	-0.24	1.00	
(17) LCV score	0.12	-0.17	0.20	-0.01	-0.15	-0.02	0.59	-0.05	0.14	-0.15	0.04	0.08	0.03	0.16	-0.22	0.47	1.00

Covariate correlations. Numbers within the parentheses of the left column provide a legend for column labels.

**Table A2 Robustness: Hierarchical Specification**

		(1) No RE	(2) Plant only	(3) Plant/State	(4) Plant/Owner
H1	CAIR, 2008–2015 (y/n)	–0.0911 (0.0879)	–0.1757*** (0.0645)	–0.1720*** (0.0630)	–0.1756*** (0.0619)
	CSAPR, 2015 onward (y/n)	–0.2236 (0.1560)	–0.2089*** (0.0795)	–0.2070*** (0.0874)	–0.2089*** (0.0696)
	CAIR×SO <sub>2</sub> intensity (tons/MWh)	0.0003 (0.0005)	0.0001 (0.0011)	0.0010 (0.0007)	0.0010 (0.0009)
	CSAPR×SO <sub>2</sub> intensity (tons/MWh)	–0.0013 (0.0008)	–0.0013*** (0.0005)	–0.0014*** (0.0005)	–0.0013*** (0.0005)
H2	Gas price/mmbtu	–0.0113 (0.0418)	0.0144 (0.0269)	0.0137 (0.0316)	0.0144 (0.0261)
	Std Dev of gas price/mmbtu	0.0755* (0.0406)	0.0235 (0.0213)	0.0241* (0.0142)	0.0235 (0.0243)
H3	State wind & solar capacity (GW)	–0.0024 (0.0069)	0.0124** (0.0057)	0.0134* (0.0071)	0.0124** (0.0062)
	Renewable utilization	–0.1117 (0.1352)	–0.1258** (0.0621)	–0.1227*** (0.0522)	–0.1258*** (0.0422)
	RPS Target (% of state capacity)	–0.0027 (0.0030)	–0.0012 (0.0017)	–0.0007 (0.0021)	–0.0011 (0.0025)
H4	Beyond Coal activism (y/n)	–0.1012 (0.0652)	–0.2480*** (0.0785)	–0.2457*** (0.0713)	–0.2480*** (0.0589)
Unit controls	Age (months)	–0.0009* Capacity (MW)	–0.0006*** 0.0008***	–0.0006*** 0.0008***	–0.0006*** 0.0008***
	Coal price/mmbtu	–0.0246* Fuel switching capability (y/n)	0.0071 –0.0088	0.0068 –0.0061	0.0071 –0.0088
	SO <sub>2</sub> intensity (SO <sub>2</sub> tons/MWh)	–0.0011* Transmission area load factor (%)	–0.0005*** 0.0137***	–0.0005*** 0.0147***	–0.0005*** 0.0137**
	State coal revenues (\$100 MM/yr)	–0.0007 State Sierra Club memberships (000's)	0.0001 –0.0100***	0.0003 –0.0097***	0.0001 –0.0100***
	League of conservation voters score	0.0002 Constant	0.0005 3.0938***	0.0005 2.7325***	0.0005 2.8807***
Mixed effects	Random effects	None	Plant	Plant/State	Plant/Owner
Model fit	Year fixed effects	Yes	Yes	Yes	Yes
	Model $\chi^2$	1048	647	2993	1899
	Model $p$ -value	0.0000	0.0000	0.0000	0.0000
	Akaike information criterion	3747	3393	3332	3394
	Bayesian information criterion	4019	3675	3634	3686
Sample	Units	979	979	979	979
	Retirements	348	348	348	348
	Unit-months	89,378	89,378	89,378	89,378
	Estimated age at retirement (years)	51.40	52.27	52.23	52.27
ICC	Plant ICC	–	0.8907***	0.8895***	0.8906***
	State ICC	–	–	0.0345**	–
	Owner ICC	–	–	–	0.0004***

\*\*\* $p < 0.01$ , \*\* $p < 0.05$ , \* $p < 0.1$ . Independent variable standard errors are reported in parentheses. Model 3 (in gray) replicates base model results to facilitate comparison.

**Table A3 Robustness: Distributional Assumption**

		(1) Weibull AFT	(2) Log-log AFT	(3) Exponential AFT
H1	CAIR, 2008–2015 (y/n)	-0.1726** (0.0633)	-0.2518*** (0.0937)	-1.4113*** (0.4742)
	CSAPR, 2015 onward (y/n)	-0.2070** (0.0874)	-0.1959** (0.0922)	-1.8297*** (0.6551)
	CAIR×SO <sub>2</sub> intensity (tons/MWh)	0.0010 (0.0007)	0.0044*** (0.0012)	0.0078 (0.0062)
	CSAPR×SO <sub>2</sub> Z intensity (tons/MWh)	-0.0014*** (0.0005)	-0.0079 (0.0068)	-0.0113*** (0.0026)
H2	Gas price/mmbtu	0.0137 (0.0218)	-0.0039 (0.0250)	0.5241** (0.2334)
	Std Dev of gas price/mmbtu	0.0241* (0.0142)	0.0366*** (0.0134)	0.1768 (0.1587)
H3	State wind & solar capacity (GW)	0.0034* (0.0071)	0.0123 (0.0076)	0.0895 (0.0596)
	Renewable utilization	-0.1227** (0.0522)	-0.1381* (0.0768)	-1.4116*** (0.3314)
	RPS target (% of state capacity)	-0.0007 (0.0021)	-0.0035 (0.0032)	-0.0157 (0.0203)
H4	Beyond coal activism (y/n)	-0.2457*** (0.0713)	-0.2285*** (0.0716)	-1.8488*** (0.4479)
Unit controls	Age (months)	-0.0006** (0.0003)	-0.0005** (0.0002)	-0.0065*** (0.0008)
	Capacity (MW)	0.0069*** (0.0002)	0.0007*** (0.0001)	0.0068*** (0.0002)
	Coal price/mmbtu	0.0000 (0.0001)	0.0009 (0.0001)	0.0199 (0.0001)
	Fuel switching capability (y/n)	-0.0061 (0.0015)	-0.0190 (0.0045)	-0.2089 (0.0058)
Regional controls	SO <sub>2</sub> intensity (SO <sub>2</sub> tons/MWh)	-0.0005*** (0.0001)	-0.0045*** (0.0112)	-0.0058*** (0.1344)
	Transmission area load factor (%)	0.0047** (0.0003)	0.0112* (0.0001)	0.1344*** (0.0001)
	State coal revenues (\$100 MM/yr)	0.0003 (0.0007)	0.0001 (0.0009)	-0.0001 (0.0707)
	State Sierra Club memberships (000's)	-0.0007** (0.0003)	-0.0091 (0.0007)	-0.0707** (0.0068)
	League of conservation voters score	0.0003 (0.0005)	0.0007 (0.0005)	0.0068 (0.0005)
	Constant	2.7905** (0.0000)	3.1240*** (0.0000)	2.4454 (0.0000)
Mixed effects	Plant and state random effects	Yes	Yes	Yes
	Year fixed effects	Yes	Yes	Yes
Model fit	Model $\chi^2$	2363	2348	4309
	Model $p$ -value	0.0000	0.0000	0.0000
	Akaike information criterion	3362	3402	3472
	Bayesian information criterion	3604	3694	3754
Sample	Units	879	979	979
	Retirements	348	348	348
	Unit-months	89,378	89,378	89,378
	Estimated age at retirement (years)	52.23	51.78	1,725,042

\*\*\* $p < 0.01$ , \*\* $p < 0.05$ , \* $p < 0.1$ . Independent variable standard errors are reported in parentheses. Model 1 (in gray) replicates base model results to facilitate comparison.

Table A4 Robustness: Data and Lag Horizon

		(1) 2008–2016	(2) 2010–2016	(3) 2012–2016	(4) 24-month avg.
H1	CAIR, 2008–2015 (y/n)	–0.1720** (0.0690)	–0.3077** (0.1552)	–0.3752*** (0.1174)	–0.1543** (0.0611)
	CSAPR, 2015 onward (y/n)	–0.2070** (0.0874)	–0.3724** (0.1671)	–0.4905*** (0.1721)	–0.1887** (0.0800)
	CAIR×SO <sub>2</sub> intensity (tons/MWh)	0.0010 (0.0007)	0.0029* (0.0016)	0.0053** (0.0025)	0.0010 (0.0006)
	CSAPR×SO <sub>2</sub> intensity (tons/MWh)	–0.0014*** (0.0006)	–0.0026* (0.0015)	–0.0009 (0.0008)	–0.0010*** (0.0004)
H2	Gas price/mmbtu	0.0137 (0.0318)	0.0629 (0.0804)	0.0037 (0.0592)	–0.0016 (0.0336)
	Std Dev of gas price/mmbtu	0.0241* (0.0142)	0.0548* (0.0318)	0.1104 (0.0721)	0.0212 (0.0217)
H3	State wind & solar capacity (GW)	0.0134* (0.0071)	0.0096 (0.0110)	0.0144 (0.0123)	0.0121* (0.0070)
	Renewable utilization	–0.1227** (0.0522)	–0.2240** (0.0997)	–0.2727** (0.1096)	–0.0964** (0.0451)
	RPS target (% of state capacity)	–0.0007 (0.0021)	–0.0003 (0.0036)	0.0017 (0.0035)	–0.0007 (0.0019)
H4	Beyond coal activism (y/n)	–0.2457*** (0.1130)	–0.4408** (0.1782)	–0.4745*** (0.1345)	–0.2338*** (0.0722)
Unit controls	Age (months)	–0.0008** (0.0004)	–0.0013 (0.0006)	–0.0015*** (0.0005)	–0.0005** (0.0003)
	Capacity (MW)	0.0008** (0.0004)	0.0016** (0.0006)	0.0013*** (0.0005)	0.0007*** (0.0003)
	Fuel switching capability (y/n)	–0.0001 (0.0001)	–0.0285 (0.0001)	–0.0595 (0.0001)	–0.0065 (0.0001)
	SO <sub>2</sub> intensity (SO <sub>2</sub> tons/MWh)	–0.0005** (0.0002)	–0.0010*** (0.0003)	–0.0022*** (0.0005)	–0.0011*** (0.0003)
Regional controls	Transmission area load factor (%)	0.0147*** (0.0003)	0.0293* (0.0011)	0.0260** (0.0029)	0.0134* (0.0005)
	State coal revenues (\$100 MM/yr)	0.0003 (0.0003)	–0.0011 (0.0003)	–0.0029 (0.0003)	0.0005 (0.0003)
	State Sierra Club memberships (000's)	–0.0007** (0.0003)	–0.0057 (0.0001)	–0.0046 (0.0002)	–0.0089* (0.0003)
	League of conservation voters score	0.0005 (0.0005)	–0.0001 (0.0005)	0.0002 (0.0005)	0.0003 (0.0005)
	Constant	2.7925*** (0.0001)	2.3036*** (0.0001)	2.9031*** (0.0001)	2.9798*** (0.0001)
Mixed effects	Plant and state random effects	Yes	Yes	Yes	Yes
	Year fixed effects	Yes	Yes	Yes	Yes
Model fit	Model $\chi^2$	2492	1502	660	2667
	Model $p$ -value	0.0000	0.0000	0.0000	0.0000
	Akaike information criterion	3392	3265	2617	3397
	Bayesian information criterion	3694	3530	2852	3688
Sample	Units	979	969	911	979
	Retirements	348	339	282	348
	Unit-months	89,378	66,672	44,341	89,378
	Estimated age at retirement (years)	52.23	57.88	55.76	51.71

\*\*\* $p < 0.01$ , \*\* $p < 0.05$ , \* $p < 0.1$ . Independent variable standard errors are reported in parentheses. Model 1 (in gray) replicates base model results to facilitate comparison.

**Table A5 Robustness: Data Inclusion**

		(1) All data included	(2) No units coded “gas”	(3) No delayed entries
H1	CAIR, 2008–2015 (y/n)	–0.1723** (0.0692)	–0.1503** (0.0672)	–0.1712** (0.0687)
	CSAPR, 2015 onward (y/n)	–0.2070** (0.0874)	–0.1884** (0.0934)	–0.2056** (0.0869)
	CAIR×SO <sub>2</sub> intensity (tons/MWh)	0.0010 (0.0007)	0.0007 (0.0007)	0.0010 (0.0007)
	CSAPR×SO <sub>2</sub> intensity (tons/MWh)	–0.0014** (0.0005)	–0.0014*** (0.0005)	–0.0014*** (0.0005)
H2	Gas price/mmbtu	0.0137 (0.0339)	0.0127 (0.0339)	0.0137 (0.0317)
	Std Dev of gas price/mmbtu	0.0241* (0.0142)	0.0472 (0.0310)	0.0240* (0.0142)
H3	State wind & solar capacity (GW)	0.0124 (0.0071)	0.0116 (0.0075)	0.0132* (0.0070)
	Renewable utilization	–0.1227** (0.0522)	–0.1166** (0.0592)	–0.1217** (0.0519)
	RPS target (% of state capacity)	–0.0007 (0.0021)	–0.0003 (0.0019)	–0.0007 (0.0021)
H4	Beyond coal activism (y/n)	–0.2451*** (0.0713)	–0.2279** (0.0705)	–0.2478*** (0.0720)
Unit controls	Age (months)	–0.0006** (0.0008)	–0.0010*** (0.0008)	–0.0006** (0.0008)
	Capacity (MW)	0.0008** (0.0003)	0.0008*** (0.0003)	0.0008*** (0.0003)
	Coal price/mmbtu	0.0063 (0.0061)	0.0062 (0.0066)	0.0070 (0.0057)
	Fuel switching capability (y/n)	–0.0001 (0.0005)	–0.0066 (0.0004)	–0.0057 (0.0005)
Regional controls	SO <sub>2</sub> intensity (SO <sub>2</sub> tons/MWh)	–0.0005** (0.0147)	–0.0004*** (0.0116)	–0.0005*** (0.0146)
	Transmission area load factor (%)	0.0147*** (0.0013)	0.0116* (0.0009)	0.0146** (0.0003)
	State coal revenues (\$100 MM/yr)	0.0013 (0.0119)	–0.0009 (0.0152)	0.0003 (0.0097)
	State Sierra Club memberships (000's)	–0.0119** (0.0015)	–0.0152** (0.0013)	–0.0097** (0.0005)
	League of conservation voters score	0.0015 (2.7925)	0.0013* (3.2690)	0.0005 (2.7831)
	Constant	2.7925*** (Yes)	3.2690*** (Yes)	2.7831*** (Yes)
Mixed effects	Plant and state random effects	Yes	Yes	Yes
	Year fixed effects	Yes	Yes	Yes
Model fit	Model $\chi^2$	2923	3005	2979
	Model $p$ -value	0.0020	0.0000	0.0000
	Akaike information criterion	3392	3019	3392
	Bayesian information criterion	3684	3309	3682
Sample	Units	579	938	948
	Retirements	348	307	348
	Unit-months	85,979	85,979	87,227
	Estimated age at retirement (years)	52.23	53.17	52.22

\*\*\* $p < 0.01$ , \*\* $p < 0.05$ , \* $p < 0.1$ . Independent variable standard errors are reported in parentheses. Model 1 (in gray) replicates base model results to facilitate comparison.

**Table A6 Robustness: Alternative Measures**

		(1) Base model	(2) RPS urgency	(3) Sierra Club claims	(4) CAIR vacatur
H1	CAIR, 2008–2015 (y/n)	−0.1729*** (0.0650)	−0.1685*** (0.0643)	−0.1922** (0.0772)	−0.2229** (0.0965)
	CSAPR, 2015 onward (y/n)	−0.2070*** (0.0574)	−0.2042** (0.0844)	−0.1875** (0.0858)	−0.2442** (0.1026)
	CAIR×SO <sub>2</sub> intensity (tons/MWh)	0.0009 (0.0007)	0.0009 (0.0007)	0.0009 (0.0008)	0.0002 (0.0009)
	CSAPR×SO <sub>2</sub> intensity (tons/MWh)	−0.0014*** (0.0005)	−0.0013*** (0.0005)	−0.0014*** (0.0005)	−0.0015*** (0.0005)
H2	Gas price/mmbtu	0.0137 (0.0118)	0.0138 (0.0320)	0.0144 (0.0322)	0.0117 (0.0291)
	Std Dev of gas price/mmbtu	0.0241* (0.0142)	0.0238* (0.0143)	0.0239* (0.0142)	0.0243* (0.0142)
H3	State wind & solar capacity (GW)	0.0134* (0.0071)	0.0132* (0.0068)	0.0136* (0.0072)	0.0133* (0.0068)
	Renewable utilization	−0.1227*** (0.0522)	−0.1235** (0.0520)	−0.1242** (0.0525)	−0.1219** (0.0490)
	RPS target (% of state capacity)	−0.0007 (0.0021)	−0.0073 (0.0119)	−0.0007 (0.0021)	−0.0009 (0.0022)
H4	Beyond coal activism (y/n)	−0.2451*** (0.0713)	−0.2448*** (0.0703)	−0.2719*** (0.0756)	−0.2427*** (0.0663)
Unit controls	Age (months)	−0.0006*** (0.0008)	−0.0006** (0.0008)	−0.0006** (0.0008)	−0.0006** (0.0008)
	Capacity (MW)	0.0008*** (0.0008)	0.0008*** (0.0008)	0.0008*** (0.0008)	0.0008*** (0.0008)
	Fuel switching capability (y/n)	−0.0004 (0.0005)	−0.0004 (0.0005)	−0.0006 (0.0005)	−0.0007 (0.0005)
	SO <sub>2</sub> intensity (SO <sub>2</sub> tons/MWh)	−0.0005*** (0.0005)	−0.0005*** (0.0005)	−0.0005*** (0.0005)	−0.0004** (0.0005)
Regional controls	Transmission area load factor (%)	0.0147** (0.0003)	0.0147** (0.0002)	0.0150** (0.0001)	0.0142** (0.0005)
	State coal revenues (\$100 MM/yr)	0.0003 (0.0003)	0.0002 (0.0003)	0.0001 (0.0003)	0.0005 (0.0003)
	State Sierra Club memberships (000's)	−0.0097** (0.0005)	−0.0099** (0.0004)	−0.0098** (0.0006)	−0.0088** (0.0004)
	League of conservation voters score	0.0005 (0.0005)	0.0004 (0.0005)	0.0006 (0.0005)	0.0004 (0.0005)
	Constant	2.7525*** (0.0000)	2.7901*** (0.0000)	2.7757*** (0.0000)	2.7048*** (0.0000)
Mixed effects	Plant and state random effects	Yes	Yes	Yes	Yes
	Year fixed effects	Yes	Yes	Yes	Yes
Model fit	Model $\chi^2$	2992	3037	4047	4422
	Model $p$ -value	0.0000	0.0000	0.0000	0.0000
	Akaike information criterion	3392	3392	3379	3386
	Bayesian information criterion	3654	3684	3670	3677
Sample	Units	979	979	979	979
	Retirements	348	348	348	348
	Unit-months	89,378	89,378	89,378	89,378
	Estimated age at retirement (years)	52.23	52.21	52.31	52.13

\*\*\* $p < 0.01$ , \*\* $p < 0.05$ , \* $p < 0.1$ . Independent variable standard errors are reported in parentheses. Model 1 (in gray) replicates base model results to facilitate comparison.

**Table A7 Robustness: Alternative Age Measures**

		(1) Base model	(2) Age <sup>2</sup>	(3) √Age
H1	CAIR, 2008–2015 (y/n)	–0.1723** (0.0681)	–0.1732** (0.0681)	–0.1714** (0.0692)
	CSAPR, 2015 onward (y/n)	–0.2070** (0.0876)	–0.2144** (0.0876)	–0.2027** (0.0868)
	CAIR×SO <sub>2</sub> intensity (tons/MWh)	0.0010 (0.0007)	0.0009 (0.0007)	0.0010 (0.0007)
	CSAPR×SO <sub>2</sub> intensity (tons/MWh)	–0.0014*** (0.0005)	–0.0014*** (0.0005)	–0.0014*** (0.0005)
H2	Gas price/mmbtu	0.0137 (0.0116)	0.0133 (0.0311)	0.0139 (0.0320)
	Std Dev of gas price/mmbtu	0.0241* (0.0142)	0.0241* (0.0141)	0.0240* (0.0143)
H3	State wind & solar capacity (GW)	0.0124* (0.0171)	0.0145** (0.0072)	0.0129* (0.0071)
	Renewable utilization	–0.1227** (0.0522)	–0.1188** (0.0516)	–0.1223** (0.0520)
	RPS target (% of state capacity)	–0.0007 (0.0021)	–0.0008 (0.0021)	–0.0007 (0.0021)
H4	Beyond coal activism (y/n)	–0.2421*** (0.0713)	–0.2510*** (0.0713)	–0.2444*** (0.0713)
Unit controls	Age, Age <sup>2</sup> , or √Age	–0.0306** (0.0008)	–3.98e–07* (0.0008)	–0.0305** (0.0008)
	Capacity (MW)	0.0008*** (0.0000)	0.0008*** (0.0000)	0.0008*** (0.0000)
	Coal price/mmbtu	0.0069 (0.0061)	0.0070 (0.0034)	0.0070 (0.0065)
	Fuel switching capability (y/n)	–0.0061 (0.0045)	–0.0034 (0.0005)	–0.0065 (0.0005)
Regional controls	SO <sub>2</sub> intensity (SO <sub>2</sub> tons/MWh)	–0.0045** (0.0141)	–0.0005** (0.0147)	–0.0005*** (0.0146)
	Transmission area load factor (%)	0.0003 (0.0003)	0.0004 (0.0004)	0.0003 (0.0003)
	State coal revenues (\$100 MM/yr)	–1.0097** (0.0005)	–0.0095** (0.0005)	–0.0099** (0.0005)
	State Sierra Club memberships (000's)	0.0005 (0.0005)	0.0005 (0.0005)	0.0005 (0.0005)
	Constant	2.7905*** (0.0000)	2.5800*** (0.0000)	3.1733*** (0.0000)
Mixed effects	Plant and state random effects	Yes	Yes	Yes
	Year fixed effects	Yes	Yes	Yes
Model fit	Model $\chi^2$	2991	2926	3007
	Model $p$ -value	0.0000	0.0000	0.0000
	Akaike information criterion	3392	3399	3389
	Bayesian information criterion	3684	3690	3681
Sample	Units	979	979	979
	Retirements	348	348	348
	Unit-months	89,378	89,378	89,378
	Estimated age at retirement (years)	52.21	52.08	52.42

\*\*\* $p < 0.01$ , \*\* $p < 0.05$ , \* $p < 0.1$ . Independent variable standard errors are reported in parentheses. Model 1 (in gray) replicates base model results to facilitate comparison.

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Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 2/2/2021 3:42:16 AM  
**To:** Grundler, Christopher [grundler.christopher@epa.gov]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** OD-review-HFC Baseline NODA 1.29.21.docx jg.docx  
**Attachments:** OD-review-HFC Baseline NODA 1.29.21.docx jg.docx

This is very good. Just a couple of comments. Thanks.

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/5/2021 11:16:33 PM  
**To:** Bloom, David [Bloom.David@epa.gov]  
**CC:** Terris, Carol [Terris.Carol@epa.gov]; Williams, Maria [Williams.Maria@epa.gov]; Boyd, Wyatt [Boyd.Wyatt@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Hyde, Courtney [Hyde.Courtney@epa.gov]; Marusiak, Eleanor [Marusiak.Eleanor@epa.gov]; Wolfe, Michael [Wolfe.Michael@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]  
**Subject:** OAR APPEAL -- FY2022 Passback  
**Attachments:** OAR FY2022 Funding Needs Core Program 2-25-21.docx; OAR FY2022 Funding Template Critical Infrastructure 2-25-21.docx

David,

Thank you and your colleagues in OCFO for the extraordinary work you do on behalf of the entire agency. On behalf of

# Ex. 5 Deliberative Process (DP)

Thank you for your consideration and please let me know if you have any questions.

Joe

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 2/2/2021 3:13:07 AM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** RE: FOR YOUR APPROVAL: Background Paper for upcoming discussion with Canadian Minister

Approved. Thanks.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Monday, February 1, 2021 9:08 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** FOR YOUR APPROVAL: Background Paper for upcoming discussion with Canadian Minister

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

---

**From:** Shoaff, John <Shoaff.John@epa.gov>  
**Sent:** Monday, February 1, 2021 5:50 PM  
**To:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Cc:** Hockstad, Leif <Hockstad.Leif@epa.gov>  
**Subject:** RE: Two things for awareness - Transparency rule & upcoming discussion with Canadian Minister

Yes, thank you Tomás.

Attached for your review/clearance by noon tomorrow, we got an extension, is the draft backgrounder for the mtg with Acting Admin. Nishida, our WH climate leadership and Canadian ECCC Minister Wilkinson (unsure when precisely this may have landed on calendars). Thanks to Henry and programs, we've populated with points and background on relevant activities/engagement.

John

JOHN SHOAFF | DIRECTOR  
OFFICE OF AIR POLICY & PROGRAM SUPPORT (OAPPS)  
OFFICE OF AIR & RADIATION | U.S. EPA | WJC NORTH 5442-C  
1200 PENNSYLVANIA AVE. NW | MC 6103A | WASHINGTON, D.C. | 20460 | USA  
[Shoaff.John@epa.gov](mailto:Shoaff.John@epa.gov) | 1-202-564-0531 DIRECT | 1-202-257-1755 MOBILE

---

**From:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Sent:** Monday, February 1, 2021 2:32 PM  
**To:** Shoaff, John <Shoaff.John@epa.gov>; Goffman, Joseph <Goffman.Joseph@epa.gov>

**Cc:** Hockstad, Leif <[Hockstad.Leif@epa.gov](mailto:Hockstad.Leif@epa.gov)>

**Subject:** RE: Two things for awareness - Transparency rule & upcoming discussion with Canadian Minister

Thanks John for the heads up on both topics. As you may have seen, it looks like the Montana district court vacated the science transparency rule this morning. Best,

Tomás

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**From:** Shoaff, John <[Shoaff.John@epa.gov](mailto:Shoaff.John@epa.gov)>

**Sent:** Monday, February 1, 2021 12:08 PM

**To:** Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)>; Carbonell, Tomas <[Carbonell.Tomas@epa.gov](mailto:Carbonell.Tomas@epa.gov)>

**Cc:** Hockstad, Leif <[Hockstad.Leif@epa.gov](mailto:Hockstad.Leif@epa.gov)>

**Subject:** Two things for awareness - Transparency rule & upcoming discussion with Canadian Minister

Joe and Tomas,

# Ex. 5 Deliberative Process (DP)

Thanks!

John

**JOHN SHOAFF** | DIRECTOR

OFFICE OF AIR POLICY & PROGRAM SUPPORT (OAPPS)

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[Shoaff.John@epa.gov](mailto:Shoaff.John@epa.gov) | 1-202-564-0531 DIRECT | 1-202-257-1755 MOBILE

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 2/24/2021 1:35:04 PM  
**To:** Grundler, Christopher [grundler.christopher@epa.gov]  
**Subject:** RE: Addendum:Re: Letter to the record for House Energy Subcommittee hearing

Thanks for following up on this, Chris. I meet with them a few months ago while still in my previous job and they were still in the work-in-progress stage. Agree that it makes sense for your team not to do a rerun.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Grundler, Christopher <grundler.christopher@epa.gov>  
**Sent:** Wednesday, February 24, 2021 8:23 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Addendum:Re: Letter to the record for House Energy Subcommittee hearing

I just read the letter and noticed the collaborators inc Dr Driscoll —I think he and his team briefed us on this work a couple months ago. Am checking

---

Christopher Grundler, Director  
Office of Atmospheric Programs  
U.S. Environmental Protection Agency  
(202) 343-9140 (Office)  
(734) 645-5221 (Mobile)

On Feb 24, 2021, at 8:18 AM, Grundler, Christopher <[grundler.christopher@epa.gov](mailto:grundler.christopher@epa.gov)> wrote:

Yes. It would be good to compare analyses. I will followup directly with Dr Lambert if that's okay

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Christopher Grundler, Director  
Office of Atmospheric Programs  
U.S. Environmental Protection Agency  
(202) 343-9140 (Office)  
(734) 645-5221 (Mobile)

On Feb 23, 2021, at 10:47 PM, Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)> wrote:

Anyone on the team have any interest in this, or being briefed by them? Thanks.

Joseph Goffman  
Acting Assistant Administrator

Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Lambert, Kathleen Fallon <[klambert@hsph.harvard.edu](mailto:klambert@hsph.harvard.edu)>  
**Sent:** Tuesday, February 23, 2021 8:50 PM  
**To:** Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)>  
**Subject:** Letter to the record for House Energy Subcommittee hearing

Dear Joe,

I am reaching out to share a [letter to the record](#) that Dr. Charley Driscoll and I submitted last week for the House Energy and Commerce Subcommittee hearing on “A Smarter Investment: Pathways to a Clean Energy Future”. We would be happy to answer any questions or brief EPA officials on this work. Two of the key take-aways are:

Reaching Zero Emissions in the Electricity Sector is Achievable at Modest Costs

The Clean Energy Futures project shows that several clean energy policies, including clean energy standards, carbon prices, and a national cap and trade policy can achieve low or zero carbon emissions in the electricity sector using existing technology at a cost of only about 15% above baseline.

Clean Energy Delivers Climate and Health Benefits That Far Outweigh Policy Costs

All of the clean energy policies that we examined deliver climate benefits that exceed policy costs. In addition, virtually the entire coterminous U.S. is projected to experience better air quality. Improvements are most striking in the eastern U.S., particularly in areas experiencing chronic air quality impairment. For a 100% Clean Energy Standard by 2040 approximately 11,000 premature deaths could be avoided annually in 2030.

Kathy Fallon Lambert  
Senior Advisor, Center for Climate, Health and the Global Environment ([C-CHANGE](#))  
Harvard T.H. Chan School of Public Health  
Co-founder, [Science Policy Exchange](#)  
Tel. 802-436-1000  
Twitter [@kflambert](#)  
skype name kathleen.lambert31

For information and updates on the Transportation, Equity, Climate and Health (TRECH) Study, visit: <https://www.hsph.harvard.edu/c-change/news/trechstudy/>

For stories of climate hope and action, subscribe to *The Climate Optimist* newsletter: <https://hsph.me/ClimateOptimist>

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/10/2021 1:38:37 AM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** RE: FOR YOUR REVIEW: OAR Weekly Report

Yes. Thank you.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Tuesday, March 9, 2021 8:34 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Fwd: FOR YOUR REVIEW: OAR Weekly Report

Joe, am I good to move this to the OA?

Ann (Campbell) Ferrio  
Chief of Staff  
Office of Air and Radiation  
(202) 566-1370

Begin forwarded message:

**From:** "Campbell, Ann" <Campbell.Ann@epa.gov>  
**Date:** March 9, 2021 at 1:58:00 PM EST  
**To:** "Goffman, Joseph" <Goffman.Joseph@epa.gov>, "Carbonell, Tomas" <Carbonell.Tomas@epa.gov>, "Nunez, Alejandra" <Nunez.Alejandra@epa.gov>, "Kim, Eun" <Kim.Eun@epa.gov>, "Shaw, Betsy" <Shaw.Betsy@epa.gov>, Isabel DeLuca <DeLuca.Isabel@epa.gov>, "Millett, John" <Millett.John@epa.gov>, "Shoaff, John" <Shoaff.John@epa.gov>, "Delaney Rakosnik" <rakosnik.delaney@epa.gov>, "Kabanda, Thierry" <Kabanda.Thierry@epa.gov>  
**Subject:** FOR YOUR REVIEW: OAR Weekly Report

Please find below OAR's report for the week ending March 12. **Note: I had an E15 entry in here but removed it in light of recent discussion.**

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 2/8/2021 1:34:10 PM  
**To:** Millett, John [Millett.John@epa.gov]  
**Subject:** RE: Ed Markey on the Green New Deal, Biden — Simpson floats dam removal plan — New EV research

Looks like I do. Thanks for following up, John.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Millett, John <Millett.John@epa.gov>  
**Sent:** Monday, February 8, 2021 8:10 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Fwd: Ed Markey on the Green New Deal, Biden — Simpson floats dam removal plan — New EV research

Good Morning, Joe — checking in to see if you're receiving these.

Begin forwarded message:

**From:** POLITICO Pro's Morning Energy <[newsletter@email.politicopro.com](mailto:newsletter@email.politicopro.com)>  
**Date:** February 8, 2021 at 6:04:06 AM EST  
**To:** "Millett, John" <Millett.John@epa.gov>  
**Subject:** Ed Markey on the Green New Deal, Biden — Simpson floats dam removal plan — New EV research  
**Reply-To:** "POLITICO, LLC" <[reply-fe961d707667067d7d-630326\\_HTML-637925989-1376319-0@politicoemail.com](mailto:reply-fe961d707667067d7d-630326_HTML-637925989-1376319-0@politicoemail.com)>

Feb 08, 2021

[View in browser](#)



BY KELSEY TAMBORRINO

*With help from Annie Snider*



**Listen to today's POLITICO Energy podcast!**

#### QUICK FIX

— In an interview with POLITICO, Massachusetts Sen. **Ed Markey** said he wants Democrats to pursue a clean energy standard rather than carbon pricing and called Joe Biden's early actions "an excellent start" toward the Green New Deal.

— Idaho Republican **Mike Simpson** released a nearly \$34 billion plan over the weekend that calls for breaching dams on the Lower Snake River to help restore salmon runs.

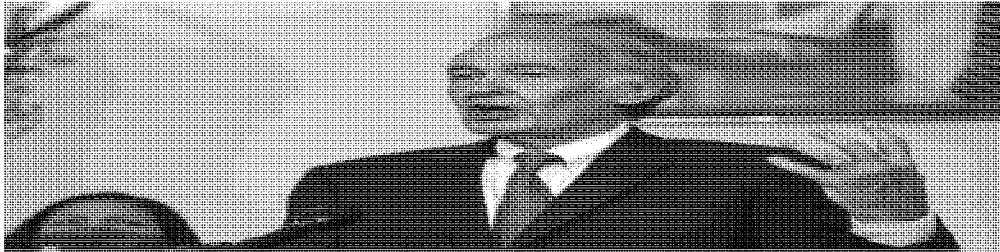
— A new study finds the average electric vehicle increases overall household electricity load by 2.9 kilowatt-hours per day — a figure that is less than half the amount assumed by state regulators.

**GOOD MORNING! IT'S MONDAY.** I'm your host, Kelsey Tamborrino. The League of Conservation Voters' Nick Abraham gets the Super Bowl trivia win. California is the state that has produced the most Super Bowl-winning quarterbacks by birth: Tom Brady, Aaron Rodgers, Trent Dilfer, Troy Aikman and Jim Plunkett. For today: What is the last word in the Declaration of Independence? Send your tips and trivia answers to [ktamborrino@politico.com](mailto:ktamborrino@politico.com).

*Check out the **POLITICO Energy** podcast — all the energy and environmental politics and policy news you need to start your day, in just five minutes. Listen and subscribe for free at [politico.com/energy-podcast](https://politico.com/energy-podcast). On today's episode: Delivering Biden's environmental justice agenda*

#### DRIVING THE DAY

**MARKEY'S REMARKS:** A decade after his push for major cap and trade legislation was derailed, now-Sen. Ed Markey (D-Mass.) says the drive for a Green New Deal is helping boost momentum and pave the way for Congress to make major progress on climate change in 2021.



Sen. Ed Markey speaks at the Back the Thrive Agenda press conference at the Longworth Office Building on Sept. 10, 2020 in Washington, D.C. | Photo by Jemal Countess/Getty Images for Green New Deal Network

**Markey told Pro's Anthony Adragna on Friday** he is pleased with President Joe Biden's early moves on climate change, describing them as "very consistent with the goals" of the Green New Deal resolution he and Rep. Alexandria Ocasio-Cortez (D-N.Y.) unveiled two years ago.

**"I would say that it's an excellent start,"** he said in response to Mitch McConnell's recent comments that Biden's actions amounted to a "piecemeal" Green New Deal. "Talking about Joe Biden, it's an agenda that in my opinion is going to have climate justice built into every reconciliation package."

**The Massachusetts senator also said he wants Democrats to pursue a clean energy standard** over carbon pricing in their push for climate legislation. "[M]y view is that sector-wide solutions like a clean energy standard can help enact the Biden campaign promise of moving toward 100 percent carbon-free electricity sector by 2035," he said. "And there's a strong case to be made that this policy proposal can be done through reconciliation. It's effective, it's endorsed by the Biden campaign, [and] it polls very well. And I think it should be our starting point for climate negotiations, not a carbon tax."

**He also reflected on lessons learned from the Waxman-Markey bill:** "Henry Waxman and I decided to draft that bill and to finish it quickly. We passed the bill through the House of Representatives on June 26, 2009, Barack Obama had been inaugurated on Jan. 20. We

started the hearings before he was sworn in as a president. So my belief is that we had the right strategy in the House in 2009, and in 2021 the House and Senate both must move quickly to implement a climate crisis response legislative package and to not allow it to slip into 2022. It must be done and it must be done quickly and we should go."

A message from American Clean Power

American Clean Power is the voice of the companies turning America's enormous clean power potential into reality. Our members are invested across wind, solar, transmission and energy storage. Together, we are providing cost-effective solutions to the climate crisis while creating jobs, spurring massive investment in the American economy and driving high-tech innovation. Learn more about what's next at [www.cleanpower.org](http://www.cleanpower.org).

#### ON THE HILL

**SIMPSON FLOATS DAM REMOVAL PLAN:** After three years of effort, Republican Idaho Rep. Mike Simpson floated a \$33.5 billion plan this weekend aimed at recovering threatened and endangered salmon and stanching the economic bleeding at the Bonneville Power Administration, which has spent more than \$17 billion on fish recovery with little to show for it.

**The proposal hinges on breaching four operational hydropower dams** along the Lower Snake River in Eastern Washington — a long-time priority for the region's conservationists and tribes, but one that has been viciously fought by the state's GOP House members, including Cathy McMorris Rodgers, the top Republican on the Energy and Commerce Committee.

**The plan would fund replacement** of the power lost from the dams with battery storage, small modular reactors or other means, and would also provide compensation for other lost benefits to local communities and agricultural producers. And it would halt litigation over the environmental impact of dams along the Columbia River

system for 35 years, while automatically extending the remaining dams' licenses by 35 years.

**For now it's just a proposal** — but one that Simpson hopes will swiftly start a conversation with the Pacific Northwest delegation, governors, tribes and other stakeholders that could produce legislation to get a piece of the massive infrastructure bill lawmakers hope to pass.

**But the region's House GOP members** are already fighting the plan's call for dam removal. McMorris Rodgers said in a statement that "spending \$33 billion to breach them — with no guarantee that doing so will restore salmon populations — is a drastic, fiscally irresponsible leap to take."

**HAPPENING THIS WEEK:** The Senate Environment and Public Works Committee will vote to advance Michael Regan's nomination to be EPA administrator on Tuesday.

**DEMS INTRODUCE GREEN ENERGY TAX BILL:** Democrats on the House Ways and Means Committee unveiled legislation Friday to extend incentives for renewable energy, carbon capture projects, electric vehicles and energy efficiency upgrades, Pro's Zack Colman reports. The legislation was co-sponsored by every Democrat on the tax-writing committee and seeks to offer a longer lifeline for credits supporting zero-emission technology deployment, create new credits for manufacturers and buoy union jobs.

**Among its many provisions,** the legislation would lift the cap for tax credits for plug-in vehicles to 600,000 from the current 200,000 cap, though the credit would drop by \$500 after the first 200,000. The bill would also maintain the investment tax credit, which allows developers to recoup up to 30 percent of costs for solar and geothermal projects that begin construction by the end of 2026, and phase that credit down to 26 percent in 2026, 22 percent in 2027 and 10 percent after that.

**DEMS CALL ON BIDEN TO SHUT DOWN DAPL:** Democrats are pressing Biden to order a shutdown of the Dakota Access Pipeline.

Sens. Jeff Merkley (Ore.) and Elizabeth Warren (Mass.), House Natural Resources Chair Raúl Grijalva (Ariz.) and California Reps. Nanette Barragán and Raul Ruiz signed onto a Friday letter that calls for Biden to build on his shutdown of the Keystone XL pipeline — which they called a "promising start" — to also shut down DAPL. They point to a January decision upholding a conclusion that the Army Corps of Engineers failed to conduct the necessary environmental review before approving the easement needed to build the pipeline.



Activists hold signs during a rally on the Dakota Access Pipeline in 2016. | Photo by Alex Wong/Getty Images

**"By shutting down this illegal pipeline,** you can continue to show your administration values the environment and the rights of Indigenous communities more than the profits of outdated fossil fuel industries," they write. A federal judge has set a hearing date for Wednesday to decide whether the pipeline should be shut down in the wake of an appellate court's ruling requiring a new environmental study. The Biden administration could use that hearing to announce its own plans to order a shutdown of DAPL.

**BARRASSO QUESTIONS DRILLING ORDERS:** Noting his "strong opposition" to the underlying orders, Senate Energy ranking member John Barrasso (R-Wyo.) sought clarification in a letter to acting Interior Secretary Scott de la Vega on what activities are permitted under the new executive orders restricting oil and gas drilling on public lands, Anthony reports for Pros . Barrasso said he's received reports that operators in Wyoming have been unable to obtain permits for existing leases, while other drilling-related activities in Nevada and New Mexico have been allowed to continue.

**DAINES VOWS TO BLOCK HAALAND:** Montana Sen. Steve Daines (R) has promised to block Biden's nominee for Interior secretary, Deb Haaland, after their meeting last week. "I'm not convinced the Congresswoman can divorce her radical views and represent what's best for Montana and all stakeholders in the West," Daines said in a statement, citing Haaland's support for the Green New Deal and Biden's oil and gas leasing moratorium and opposition to the Keystone XL pipeline. "Unless my concerns are addressed, I will block her confirmation."

#### TRANSPORTATION

**UP-HILL DRIVE:** In the shadow of Super Bowl Sunday's much-talked about electric car ad from GM, new data released this morning provides estimates of electric vehicle home charging and finds EVs are getting less use than expected.

**Researchers for the Energy Policy Institute at the University of Chicago** examined hourly electricity meter measurements and address-level EV registration records from 2014 to 2017 in California, the state home to about half the EVs in the U.S., and found that one vehicle increases household electricity consumption by 2.9 kilowatt-hours per day — less than half the 7.2 to 8 kWh per day assumed by state regulators. That discrepancy could "adversely affect decisions about electricity distribution infrastructure investments, as well as lead to biased estimates of EV-related pollution abatement benefits," the report states. "The implications relating to [electric vehicle miles traveled] are also far-reaching."

**To translate its estimates into electric vehicle miles traveled**, the report found EVs average 5,300 miles traveled per year, which is "substantially lower" than vehicle miles travel in gasoline-powered cars — raising questions, the authors wrote, over the true extent of EV usage at present and the role of gasoline and electricity prices on EV usage. The researchers also found that Teslas consume almost double the amount of electricity per hour than the other types of EVs studied, likely due to various factors like Tesla's higher battery capacity. And, they found that the majority of EVs' pull on the power grid occurs between 10 p.m.-6 a.m., which puts more of the load on California's

gas plants, which run more at night, compared to the solar energy power resources that provide clean power during the day.

**They call for further research** into the variety of potential explanations for the apparent low utilization of EVs. "It is important to understand why EVs are being driven so much less in order to properly weigh the costs and benefits of EV policy and maximize environmental benefits," said co-author James Bushnell, a professor at the UC Davis Economics Department, in a statement.

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A message from American Clean Power:



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ADVOCACY

**ME FIRST: ACP LAUNCHES NEW ADS, WEBSITE:** The American Clean Power Association, the newly created trade group formed out of the American Wind Energy Association, unveiled a new website today and announced a six-figure ad campaign focused on clean energy jobs and clean power electricity generation. The campaign, called "All Ready," will run online and on social media for several months.

**GREENS' NEW RENEWABLES CAMPAIGN:** Environment America launched its 2021 campaign for 100 percent renewable energy in 13 states today. The multi-state effort will feature campaigns in California, Connecticut, Florida, Georgia, Illinois, Massachusetts, Minnesota, New Jersey, North Carolina, Oregon, Pennsylvania, Texas and Wisconsin. The campaign expands upon its 100 percent renewable campaign in 2018 and will advocate for commitments including meaningful interim targets to ensure near-term renewables growth.

#### BEYOND THE BELTWAY

**IN MEMORIAM:** George P. Shultz, a widely respected statesman and economist, has died. He was 100. Shultz, who was secretary of State under Ronald Reagan, advocated for addressing climate change and co-authored a carbon dividends plan with fellow former Secretary of State James Baker at the Climate Leadership Council.

— **"Inherently vigilant about our national interests** , Shultz deeply believed that both parties needed to come together in order to address the threat posed by climate change to America's future prosperity and security," said CLC CEO Greg Bertelsen. "He deployed his same brand of statecraft that helped America end the Cold War to tackling the climate challenge: building trust and confidence among unexpected allies."

— **"It was his interest in market-based climate solutions** that brought Secretary Shultz and me together, and like so many others I benefited from his sage advice and deep perspective," said Fred Krupp, president of Environmental Defense Fund in a statement. "As we make rapid, urgent climate progress in the days and years to come, we would

all do well to heed his example: follow the evidence and build broad, bipartisan consensus around solutions that can stand the test of time."

**SUBPOENA SERVED TO PEBBLE CEO:** Northern Dynasty Minerals, the Canadian company trying to develop the Pebble copper and gold mine in Alaska, said Friday the Pebble Limited Partnership and its former CEO Tom Collier were served subpoenas by the U.S. Attorney's Office for the District of Alaska, calling on them to produce documents in connection with a grand jury investigation involving secretly recorded tapes of Collier boasting about how he would influence Alaskan politicians to support the project. Northern Dynasty said the company, Collier and the Pebble Partnership will cooperate with the investigation.

**Recall:** The U.S. Army Corps of Engineers denied a key permit for the Pebble Mine in November — a decision that Northern Dynasty pledged to appeal.

#### MOVERS AND SHAKERS

— Senate EPW Chair Tom Carper named **Rachel Levitan** as the committee's new communications director. Most recently, she was the deputy director of communications and a senior adviser for the House Foreign Affairs Committee.

— AVANGRID appointed **Catherine Stempien** as president and CEO of its subsidiary Avangrid Networks, effective March 15. She is currently president of Duke Energy Florida.

#### THE GRID

— "The Democratic version of John McCain," via POLITICO.

— "Top union leader: Biden's Keystone plan wrong, will cost U.S. jobs," via Axios.

— "Asset manager BlackRock cuts stake in Occidental Petroleum," via Reuters.

- "Floating wind turbines buoy hopes of expanding renewable energy," via The Wall Street Journal.
- "Ford doubles electric vehicle investment to \$22 billion through 2025," via Electrek.
- "Proposed river authority would assert Utah's claims to the Colorado's dwindling water," via The Salt Lake Tribune.

A message from American Clean Power

American Clean Power is the voice of the companies turning America's enormous clean power potential into reality. Our members are invested across wind, solar, transmission and energy storage. Together, we are providing cost-effective solutions to the climate crisis while creating jobs, spurring massive investment in the American economy and driving high-tech innovation. Learn more about what's next at [www.cleanpower.org](http://www.cleanpower.org).

#### HAPPENING THIS WEEK

##### MONDAY

- 1 p.m.** NDN virtual discussion on the newly released New Democrat Coalition's 100 Days Agenda and its priorities for the upcoming COVID package.
- 6 p.m.** Woodrow Wilson Center's Polar Institute and Asia Program virtual symposium on "Asian Interests and the Path Forward in the New Arctic."

##### TUESDAY

- 10 a.m.** Senate Environment and Public Works Committee votes to advance Michael Regan's nomination to be EPA administrator.
- Noon** House Energy and Commerce Environment and Climate Change Subcommittee hearing on "Back in Action: Restoring Federal Climate Leadership."

## **WEDNESDAY**

- 9 a.m.** Woodrow Wilson Center's Science and Technology Innovation Program and China Environment Forum webinar on "From Sea to See — How Satellites Can Help Identify and Combat Plastic Marine Debris."
- 1 p.m.** Resources for the Future webinar on "The Social Cost of Carbon: Key Scientific and Policy Considerations for the Biden Administration."

## **THURSDAY**

- 12:30 p.m.** Johns Hopkins University Paul H. Nitze School of Advanced International Studies virtual seminar on "The Greening of Peace: Regional Cooperation on Climate Change in the Middle East."

*Did we miss anything? Send future events to:*  
[energycalendar@politicopro.com](mailto:energycalendar@politicopro.com).

**THAT'S ALL FOR ME!**

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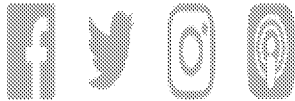
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**Zack Colman** @zcolman  
**Alex Guillen** @alexcguillen  
**Ben Lefebvre** @bjlefebvre  
**Annie Snider** @annelizabeth18  
**Kelsey Tamborrino** @kelseytam  
**Eric Wolff** @ericwolff

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**POLITICO**

This email was sent to Millett.john@epa.gov by: POLITICO, LLC 1000 Wilson Blvd. Arlington, VA, 22209, USA

Message

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/5/2021 10:58:56 PM  
**To:** DeLuca, Isabel [DeLuca.Isabel@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]; Millett, John [Millett.John@epa.gov]  
**Subject:** RE: 3 press inquiries

**Ex. 5 Deliberative Process (DP)**

Thanks.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** DeLuca, Isabel <DeLuca.Isabel@epa.gov>  
**Sent:** Friday, March 5, 2021 5:48 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Kim, Eun <Kim.Eun@epa.gov>  
**Cc:** Campbell, Ann <Campbell.Ann@epa.gov>; Millett, John <Millett.John@epa.gov>  
**Subject:** RE: 3 press inquiries

Many thanks, Joe. We could always just

**Ex. 5 Deliberative Process (DP)**

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**From:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Sent:** Friday, March 05, 2021 5:29 PM  
**To:** DeLuca, Isabel <DeLuca.Isabel@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Kim, Eun <Kim.Eun@epa.gov>  
**Cc:** Campbell, Ann <Campbell.Ann@epa.gov>; Millett, John <Millett.John@epa.gov>  
**Subject:** RE: 3 press inquiries

# Ex. 5 Deliberative Process (DP)

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** DeLuca, Isabel <DeLuca.Isabel@epa.gov>  
**Sent:** Friday, March 5, 2021 5:10 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Kim, Eun <Kim.Eun@epa.gov>  
**Cc:** Campbell, Ann <Campbell.Ann@epa.gov>; Millett, John <Millett.John@epa.gov>  
**Subject:** 3 press inquiries

Hi all,

# Ex. 5 Deliberative Process (DP)

Many thanks,  
Isabel

## Ex. 5 Deliberative Process (DP)

From Inside Climate News (ddl Sunday – they are printing on Monday):

We are writing to put in context the possibility of the American Petroleum Institute backing a carbon tax, as reported in the WSJ yesterday. As with other carbon tax proposals that the oil industry has backed, it would be packaged with regulatory rollbacks--or, as API's proposed statement says—"instead of mandates or prescriptive regulatory action." Can you or anyone else at EPA weigh in on the Biden administration's view on such trade-offs, or on whether there's a need to maintain EPA's regulatory authority?

## Ex. 5 Deliberative Process (DP)

## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/11/2021 4:03:01 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** FW: 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Tentative

Where is the link to this meeting? Thanks.

-----Original Appointment-----

**From:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>

**Sent:** Tuesday, March 9, 2021 12:02 PM

**To:** Carbonell, Tomas; Campbell, Ann; Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kim, Eun; Hoffer, Melissa

**Cc:** Goffman, Joseph; Senter, Stephen; Brown, Annette; McConnell, Robert; Simcox, Alison; Marks, Matthew; Murray, Beth; Eyth, Alison; Houyoux, Marc; Sargeant, Kathryn

**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options

**When:** Thursday, March 11, 2021 11:00 AM-12:00 PM (UTC-05:00) Indiana (East).

**Where:** Microsoft Teams Meeting

Exchange Server re-created a meeting that was missing from your calendar.

---

Sent by Microsoft Exchange Server

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/15/2021 12:14:51 PM  
**To:** Dunham, Sarah [Dunham.Sarah@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]  
**Subject:** RE: AP story FYI

Meanwhile, I've been waiting for the NGOs to react to the first half of this sentence:

## Ex. 5 Deliberative Process (DP)

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Goffman, Joseph  
**Sent:** Saturday, March 13, 2021 1:05 PM  
**To:** Dunham, Sarah <Dunham.Sarah@epa.gov>; Nunez, Alejandra <Nunez.Alejandra@epa.gov>  
**Subject:** RE: AP story FYI

Good grief. I had no idea. Late 20<sup>th</sup> century movie analogies is really what I thought I brought to the table.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Dunham, Sarah <Dunham.Sarah@epa.gov>  
**Sent:** Saturday, March 13, 2021 1:00 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Nunez, Alejandra <Nunez.Alejandra@epa.gov>  
**Subject:** RE: AP story FYI

Hi Joe-

You may already know this, but if not, I should tell you that your knowledge of and analogies to historic battles and battlefield Commanders took on an almost legendary status (and was quite often referred to) over the past four years with your absence from the Agency. The return of your historic battle analogies is one of many reasons we all are excited that you are back at EPA!

---

**From:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Sent:** Saturday, March 13, 2021 12:36 PM  
**To:** Nunez, Alejandra <Nunez.Alejandra@epa.gov>; Dunham, Sarah <Dunham.Sarah@epa.gov>  
**Subject:** RE: AP story FYI

To use a Gettysburg analogy, we think we're Chamberlain on Little Round Top, but we're really Meade in the Peach Orchard.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Nunez, Alejandra <[Nunez.Alejandra@epa.gov](mailto:Nunez.Alejandra@epa.gov)>  
**Sent:** Saturday, March 13, 2021 12:00 PM  
**To:** Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)>; Dunham, Sarah <[Dunham.Sarah@epa.gov](mailto:Dunham.Sarah@epa.gov)>  
**Subject:** Fwd: AP story FYI

Sent from my iPhone

Begin forwarded message:

**From:** "Conger, Nick" <[Conger.Nick@epa.gov](mailto:Conger.Nick@epa.gov)>  
**Date:** March 13, 2021 at 11:09:22 AM EST  
**To:** "Nunez, Alejandra" <[Nunez.Alejandra@epa.gov](mailto:Nunez.Alejandra@epa.gov)>, "Millett, John" <[Millett.John@epa.gov](mailto:Millett.John@epa.gov)>  
**Subject:** AP story FYI

<https://apnews.com/article/joe-biden-donald-trump-technology-climate-climate-change-fe2e9ea95ac1a987b63251eeb99433b9>

Nick Conger  
EPA Press Secretary  
202-941-1116

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/28/2021 2:14:41 AM  
**To:** Erick Lutt [elutt@bio.org]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** RE: BIO Letter to President Biden on Climate

Excellent to get this, Erick. Thanks for following up.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Erick Lutt <elutt@bio.org>  
**Sent:** Wednesday, January 27, 2021 9:13 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** RE: BIO Letter to President Biden on Climate

Hi Joe, I hope the first week has gone well.

I wanted to follow up on my email from Monday and share BIO's "100 Day of Innovation" Blueprint, which we released earlier today. The blueprint highlights BIO's goals and priorities to strengthen America's innovation ecosystem, end the COVID-19 pandemic, and get more Americans back to work over the first 100 days. A copy of the blueprint is attached and available [here](#). I have a copy of our press release [here](#) on the blueprint here.

All the best,

Erick

**Erick Lutt**  
Senior Director  
Biotechnology Innovation Organization  
Mobile: 202.701.8153  
[elutt@bio.org](mailto:elutt@bio.org)

---

**From:** Erick Lutt  
**Sent:** Monday, January 25, 2021 9:50 AM  
**To:** [goffman.joseph@epa.gov](mailto:goffman.joseph@epa.gov)  
**Subject:** BIO Letter to President Biden on Climate

Hi Joe,  
Congratulations on your new role at EPA. I wanted to pass along a letter we delivered to President Biden on Friday, on actions the administration can take to address climate change by supporting biotechnology innovation.

This letter is similar to the attached issue brief that I believe my former colleague Stephanie Batchelor might have sent you during the transition period.

I also wanted to share a couple other documents that BIO has put together on how pioneering technology breakthroughs can reduce greenhouse gas emissions in manufacturing, transportation, and agricultural supply chains.

Finally, I wanted to include a letter BIO signed with other organizations in support of Michael Regan's nomination to be EPA's Administrator.

Please let me know how BIO can be helpful moving forward to advance policies to tackle greenhouse gas emissions.

All the best,  
Erick

**Erick Lutt**  
Senior Director  
Biotechnology Innovation Organization  
Mobile: 202.701.8153  
[elutt@bio.org](mailto:elutt@bio.org)

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Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 11:00:23 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** RE: HOLD || David Doniger (Climate and Clean Energy Program) re: Power Plant Plans & CBD NAAQS Petition

Sure. Thanks.

---

**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Monday, January 25, 2021 5:47 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** HOLD || David Doniger (Climate and Clean Energy Program) re: Power Plant Plans & CBD NAAQS Petition

Joe, would you like to have someone from OAQPS sit in on this discussion with you?

-----

**Subject:** HOLD || David Doniger (Climate and Clean Energy Program) re: Power Plant Plans & CBD NAAQS Petition

**Start:** Tue 1/26/2021 4:00 PM  
**End:** Tue 1/26/2021 4:30 PM

**Recurrence:** (none)

**Meeting Status:** Meeting organizer

**Organizer:** Goffman, Joseph  
**Required Attendees:** Carbonell, Tomas

## Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/23/2021 4:08:07 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]  
**Subject:** RE: Some (hopefully) Helpful Thoughts on All-Hands Messages...

Thanks, Jon. Millet has put together a draft and I will probably merge at least some of this into that in the course of the weekend for Monday distribution. Have a good weekend.

---

**From:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Sent:** Saturday, January 23, 2021 9:44 AM  
**To:** Edwards, Jonathan <Edwards.Jonathan@epa.gov>; Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** RE: Some (hopefully) Helpful Thoughts on All-Hands Messages...

Thank you so much, Jon, this is incredibly helpful. Hope you are having a good weekend!

---

**From:** Edwards, Jonathan <Edwards.Jonathan@epa.gov>  
**Sent:** Saturday, January 23, 2021 9:31 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Subject:** Some (hopefully) Helpful Thoughts on All-Hands Messages...

Joe and Tomas---Here some very rough thoughts that may be helpful as you think about messages to the broader staff in OAR. Feel free to use whatever appeals to you and to toss out what doesn't fit.

# Ex. 5 Deliberative Process (DP)

## **Ex. 5 Deliberative Process (DP)**

Admittedly very unpolished but hopefully this helps... --Jon

## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/28/2021 10:54:08 PM  
**To:** Harris, Sincere [Harris.Sincere@epa.gov]  
**Subject:** Accepted: The Climate Agenda Interagency Panel  
**Location:** <https://science-doe.zoomgov.com/> Ex. 6 Personal Privacy (PP)  
**Start:** 2/1/2021 11:00:00 PM  
**End:** 2/2/2021  
  
**Recurrence:** (none)

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/21/2021 4:31:14 PM  
**To:** Utech, Dan [Utech.Dan@epa.gov]  
**Subject:** FY21 extramural needs for priority EPA climate rules

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 2/1/2021 5:38:57 PM  
**To:** Utech, Dan [Utech.Dan@epa.gov]  
**Subject:** CSAPR Update briefing  
**Attachments:** Final\_Administrator Briefing\_Revised CSAPR Update\_Options Selection\_02.01.21.docx

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/21/2021 4:13:33 PM  
**To:** Snyder, Carolyn [Snyder.Carolyn@epa.gov]  
**Subject:** RE: Welcome back!

Thanks so much, Carolyn. Me, too! You can't imagine what a tremendous feeling this is.

---

**From:** Snyder, Carolyn <Snyder.Carolyn@epa.gov>  
**Sent:** Thursday, January 21, 2021 8:36 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Welcome back!

Hi Joe,

Wonderful to have you back at EPA. Please let me know any way that I can be helpful. I look forward to working together again.

Best wishes,  
Carolyn

Carolyn Snyder, PhD  
Director, Climate Protection Partnerships Division  
U.S. Environmental Protection Agency  
[snyder.carolyn@epa.gov](mailto:snyder.carolyn@epa.gov)  
202-343-9616

## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/29/2021 9:03:49 PM  
**To:** Tejada, Matthew [Tejada.Matthew@epa.gov]  
**Subject:** Accepted: Check in on EJ/Climate  
**Location:** Microsoft Teams Meeting  
**Start:** 2/4/2021 9:30:00 PM  
**End:** 2/4/2021 10:30:00 PM  
**Recurrence:** (none)

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/29/2021 8:59:34 PM  
**To:** Cassidy, Alison [Cassady.Alison@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]  
**Subject:** BBB Jobs - OAR  
**Attachments:** Jobs Package\_OAR.docx

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/21/2021 1:25:59 PM  
**To:** Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Carbonell.Tomas@epa.gov  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Executive Order on Protecting Public Health and the Environment  
**Attachments:** Executive Order on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis \_The White House.html

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# Executive Order on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis

January 20, 2021 • [Presidential Actions](#)

By the authority vested in me as President by the Constitution and the laws of the United States of America, it is hereby ordered as follows:

**Section 1. Policy.** Our Nation has an abiding commitment to empower our workers and communities; promote and protect our public health and the environment; and conserve our national treasures and monuments, places that secure our national memory. Where the Federal Government has failed to meet that commitment in the past, it must advance environmental justice. In carrying out this charge, the Federal Government must be guided by the best science and be protected by processes that ensure the integrity of Federal decision-making. It is, therefore, the policy of my Administration to listen to the science; to improve public health and protect our environment; to ensure access to clean air and water; to limit exposure to dangerous chemicals and pesticides; to hold polluters accountable, including those who disproportionately harm communities of color and low-income communities; to reduce greenhouse gas emissions; to bolster resilience to the impacts of climate change; to restore and expand our national treasures and monuments; and to prioritize both environmental justice and the creation of the well-paying union jobs necessary to deliver on these goals.

To that end, this order directs all executive departments and agencies (agencies) to immediately review and, as appropriate and consistent with applicable law, take action to address the promulgation of Federal regulations and other actions during the last 4 years that conflict with these important national objectives, and to immediately commence work to confront the climate crisis.

**Sec. 2. Immediate Review of Agency Actions Taken Between January 20, 2017, and January 20, 2021.** (a) The heads of all agencies shall immediately review all existing regulations, orders, guidance documents, policies, and any other similar agency actions (agency actions) promulgated, issued, or adopted between January 20, 2017, and January 20, 2021, that are or may be inconsistent with, or present obstacles to, the policy set forth in section 1 of this order. For any such

actions identified by the agencies, the heads of agencies shall, as appropriate and consistent with applicable law, consider suspending, revising, or rescinding the agency actions. In addition, for the agency actions in the 4 categories set forth in subsections (i) through (iv) of this section, the head of the relevant agency, as appropriate and consistent with applicable law, shall consider publishing for notice and comment a proposed rule suspending, revising, or rescinding the agency action within the time frame specified.

(i) Reducing Methane Emissions in the Oil and Gas Sector: “Oil and Natural Gas Sector: Emission Standards for New, Reconstructed, and Modified Sources Reconsideration,” 85 Fed. Reg. 57398 (September 15, 2020), by September 2021.

(ii) Establishing Ambitious, Job-Creating Fuel Economy Standards: “The Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule Part One: One National Program,” 84 Fed. Reg. 51310 (September 27, 2019), by April 2021; and “The Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021–2026 Passenger Cars and Light Trucks,” 85 Fed. Reg. 24174 (April 30, 2020), by July 2021. In considering whether to propose suspending, revising, or rescinding the latter rule, the agency should consider the views of representatives from labor unions, States, and industry.

(iii) Job-Creating Appliance- and Building-Efficiency Standards: “Energy Conservation Program for Appliance Standards: Procedures for Use in New or Revised Energy Conservation Standards and Test Procedures for Consumer Products and Commercial/Industrial Equipment,” 85 Fed. Reg. 8626 (February 14, 2020), with major revisions proposed by March 2021 and any remaining revisions proposed by June 2021; “Energy Conservation Program for Appliance Standards: Procedures for Evaluating Statutory Factors for Use in New or Revised Energy Conservation Standards,” 85 Fed. Reg. 50937 (August 19, 2020), with major revisions proposed by March 2021 and any remaining revisions proposed by June 2021; “Final Determination Regarding Energy Efficiency Improvements in the 2018 International Energy Conservation Code (IECC),” 84 Fed. Reg. 67435 (December 10, 2019), by May 2021; “Final Determination Regarding Energy Efficiency Improvements in ANSI/ASHRAE/IES Standard 90.1-2016: Energy Standard for Buildings, Except Low-Rise Residential Buildings,” 83 Fed. Reg. 8463 (February 27, 2018), by May 2021.

(iv) Protecting Our Air from Harmful Pollution: “National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units—Reconsideration of Supplemental Finding and Residual Risk and Technology Review,” 85 Fed. Reg. 31286 (May 22, 2020), by August 2021; “Increasing Consistency and Transparency in Considering Benefits and Costs in the Clean Air Act Rulemaking Process,” 85 Fed. Reg. 84130 (December 23, 2020), as soon as possible; “Strengthening Transparency in Pivotal Science Underlying Significant Regulatory Actions and Influential Scientific Information,” 86 Fed. Reg. 469 (January 6, 2021), as soon as possible.

(b) Within 30 days of the date of this order, heads of agencies shall submit to the Director of the Office of Management and Budget (OMB) a preliminary list of any actions being considered pursuant to section (2)(a) of this order that would be completed by December 31, 2021, and that would be subject to OMB review. Within 90 days of the date of this order, heads of agencies shall submit to the Director of OMB an updated list of any actions being considered pursuant to section (2)(a) of this order that would be completed by December 31, 2025, and that would be subject to OMB review. At the time of submission to the Director of OMB, heads of agencies shall also send each list to the National Climate Advisor. In addition, and at the same time, heads of agencies shall send to the National Climate Advisor a list of additional actions being considered pursuant to section (2)(a) of this order that would not be subject to OMB review.

(c) Heads of agencies shall, as appropriate and consistent with applicable law, consider whether to take any additional agency actions to fully enforce the policy set forth in section 1 of this order. With respect to the Administrator of the Environmental Protection Agency, the following specific actions should be considered:

(i) proposing new regulations to establish comprehensive standards of performance and emission guidelines for methane and volatile organic compound emissions from existing operations in the oil and gas sector, including the exploration and production, transmission, processing, and storage segments, by September 2021; and

(ii) proposing a Federal Implementation Plan in accordance with the Environmental Protection Agency’s “Findings of Failure To Submit State Implementation Plan Revisions in Response to the 2016 Oil and Natural Gas Industry Control Techniques Guidelines for the 2008 Ozone National Ambient Air Quality Standards (NAAQS) and for States in the Ozone Transport Region,” 85 Fed. Reg. 72963 (November 16, 2020), for California, Connecticut, New York, Pennsylvania, and Texas by January 2022.

(d) The Attorney General may, as appropriate and consistent with applicable law, provide notice of this order and any

actions taken pursuant to section 2(a) of this order to any court with jurisdiction over pending litigation related to those agency actions identified pursuant to section (2)(a) of this order, and may, in his discretion, request that the court stay or otherwise dispose of litigation, or seek other appropriate relief consistent with this order, until the completion of the processes described in this order.

(e) In carrying out the actions directed in this section, heads of agencies shall seek input from the public and stakeholders, including State local, Tribal, and territorial officials, scientists, labor unions, environmental advocates, and environmental justice organizations.

**Sec. 3. Restoring National Monuments.** (a) The Secretary of the Interior, as appropriate and consistent with applicable law, including the Antiquities Act, 54 U.S.C. 320301 *et seq.*, shall, in consultation with the Attorney General, the Secretaries of Agriculture and Commerce, the Chair of the Council on Environmental Quality, and Tribal governments, conduct a review of the monument boundaries and conditions that were established by Proclamation 9681 of December 4, 2017 (Modifying the Bears Ears National Monument); Proclamation 9682 of December 4, 2017 (Modifying the Grand Staircase-Escalante National Monument); and Proclamation 10049 of June 5, 2020 (Modifying the Northeast Canyons and Seamounts Marine National Monument), to determine whether restoration of the monument boundaries and conditions that existed as of January 20, 2017, would be appropriate.

(b) Within 60 days of the date of this order, the Secretary of the Interior shall submit a report to the President summarizing the findings of the review conducted pursuant to subsection (a), which shall include recommendations for such Presidential actions or other actions consistent with law as the Secretary may consider appropriate to carry out the policy set forth in section 1 of this order.

(c) The Attorney General may, as appropriate and consistent with applicable law, provide notice of this order to any court with jurisdiction over pending litigation related to the Grand Staircase-Escalante, Bears Ears, and Northeast Canyons and Seamounts Marine National Monuments, and may, in his discretion, request that the court stay the litigation or otherwise delay further litigation, or seek other appropriate relief consistent with this order, pending the completion of the actions described in subsection (a) of this section.

**Sec. 4. Arctic Refuge.** (a) In light of the alleged legal deficiencies underlying the program, including the inadequacy of the environmental review required by the National Environmental Policy Act, the Secretary of the Interior shall, as appropriate and consistent with applicable law, place a temporary moratorium on all activities of the Federal Government relating to the implementation of the Coastal Plain Oil and Gas Leasing Program, as established by the Record of Decision signed August 17, 2020, in the Arctic National Wildlife Refuge. The Secretary shall review the program and, as appropriate and consistent with applicable law, conduct a new, comprehensive analysis of the potential environmental impacts of the oil and gas program.

(b) In Executive Order 13754 of December 9, 2016 (Northern Bering Sea Climate Resilience), and in the Presidential Memorandum of December 20, 2016 (Withdrawal of Certain Portions of the United States Arctic Outer Continental Shelf From Mineral Leasing), President Obama withdrew areas in Arctic waters and the Bering Sea from oil and gas drilling and established the Northern Bering Sea Climate Resilience Area. Subsequently, the order was revoked and the memorandum was amended in Executive Order 13795 of April 28, 2017 (Implementing an America-First Offshore Energy Strategy). Pursuant to section 12(a) of the Outer Continental Shelf Lands Act, 43 U.S.C. 1341(a), Executive Order 13754 and the Presidential Memorandum of December 20, 2016, are hereby reinstated in their original form, thereby restoring the original withdrawal of certain offshore areas in Arctic waters and the Bering Sea from oil and gas drilling.

(c) The Attorney General may, as appropriate and consistent with applicable law, provide notice of this order to any court with jurisdiction over pending litigation related to the Coastal Plain Oil and Gas Leasing Program in the Arctic National Wildlife Refuge and other related programs, and may, in his discretion, request that the court stay the litigation or otherwise delay further litigation, or seek other appropriate relief consistent with this order, pending the completion of the actions described in subsection (a) of this section.

**Sec. 5. Accounting for the Benefits of Reducing Climate Pollution.** (a) It is essential that agencies capture the full costs of greenhouse gas emissions as accurately as possible, including by taking global damages into account. Doing so facilitates sound decision-making, recognizes the breadth of climate impacts, and supports the international leadership of the United States on climate issues. The “social cost of carbon” (SCC), “social cost of nitrous oxide” (SCN), and “social cost of methane” (SCM) are estimates of the monetized damages associated with incremental increases in greenhouse

gas emissions. They are intended to include changes in net agricultural productivity, human health, property damage from increased flood risk, and the value of ecosystem services. An accurate social cost is essential for agencies to accurately determine the social benefits of reducing greenhouse gas emissions when conducting cost-benefit analyses of regulatory and other actions.

(b) There is hereby established an Interagency Working Group on the Social Cost of Greenhouse Gases (the “Working Group”). The Chair of the Council of Economic Advisers, Director of OMB, and Director of the Office of Science and Technology Policy shall serve as Co-Chairs of the Working Group.

(i) **Membership.** The Working Group shall also include the following other officers, or their designees: the Secretary of the Treasury; the Secretary of the Interior; the Secretary of Agriculture; the Secretary of Commerce; the Secretary of Health and Human Services; the Secretary of Transportation; the Secretary of Energy; the Chair of the Council on Environmental Quality; the Administrator of the Environmental Protection Agency; the Assistant to the President and National Climate Advisor; and the Assistant to the President for Economic Policy and Director of the National Economic Council.

(ii) **Mission and Work.** The Working Group shall, as appropriate and consistent with applicable law:

(A) publish an interim SCC, SCN, and SCM within 30 days of the date of this order, which agencies shall use when monetizing the value of changes in greenhouse gas emissions resulting from regulations and other relevant agency actions until final values are published;

(B) publish a final SCC, SCN, and SCM by no later than January 2022;

(C) provide recommendations to the President, by no later than September 1, 2021, regarding areas of decision-making, budgeting, and procurement by the Federal Government where the SCC, SCN, and SCM should be applied;

(D) provide recommendations, by no later than June 1, 2022, regarding a process for reviewing, and, as appropriate, updating, the SCC, SCN, and SCM to ensure that these costs are based on the best available economics and science; and

(E) provide recommendations, to be published with the final SCC, SCN, and SCM under subparagraph (A) if feasible, and in any event by no later than June 1, 2022, to revise methodologies for calculating the SCC, SCN, and SCM, to the extent that current methodologies do not adequately take account of climate risk, environmental justice, and intergenerational equity.

(iii) **Methodology.** In carrying out its activities, the Working Group shall consider the recommendations of the National Academies of Science, Engineering, and Medicine as reported in *Valuing Climate Damages: Updating Estimation of the Social Cost of Carbon Dioxide* (2017) and other pertinent scientific literature; solicit public comment; engage with the public and stakeholders; seek the advice of ethics experts; and ensure that the SCC, SCN, and SCM reflect the interests of future generations in avoiding threats posed by climate change.

**Sec. 6. Revoking the March 2019 Permit for the Keystone XL Pipeline.** (a) On March 29, 2019, the President granted to TransCanada Keystone Pipeline, L.P. a Presidential permit (the “Permit”) to construct, connect, operate, and maintain pipeline facilities at the international border of the United States and Canada (the “Keystone XL pipeline”), subject to express conditions and potential revocation in the President’s sole discretion. The Permit is hereby revoked in accordance with Article 1(1) of the Permit.

(b) In 2015, following an exhaustive review, the Department of State and the President determined that approving the proposed Keystone XL pipeline would not serve the U.S. national interest. That analysis, in addition to concluding that the significance of the proposed pipeline for our energy security and economy is limited, stressed that the United States must prioritize the development of a clean energy economy, which will in turn create good jobs. The analysis further concluded that approval of the proposed pipeline would undermine U.S. climate leadership by undercutting the credibility and influence of the United States in urging other countries to take ambitious climate action.

(c) Climate change has had a growing effect on the U.S. economy, with climate-related costs increasing over the last 4 years. Extreme weather events and other climate-related effects have harmed the health, safety, and security of the American people and have increased the urgency for combatting climate change and accelerating the transition toward a clean energy economy. The world must be put on a sustainable climate pathway to protect Americans and the domestic economy from harmful climate impacts, and to create well-paying union jobs as part of the climate solution.

(d) The Keystone XL pipeline disservices the U.S. national interest. The United States and the world face a climate crisis. That crisis must be met with action on a scale and at a speed commensurate with the need to avoid setting the world on a dangerous, potentially catastrophic, climate trajectory. At home, we will combat the crisis with an ambitious plan to build back better, designed to both reduce harmful emissions and create good clean-energy jobs. Our domestic efforts must go hand in hand with U.S. diplomatic engagement. Because most greenhouse gas emissions originate beyond our borders, such engagement is more necessary and urgent than ever. The United States must be in a position to exercise vigorous climate leadership in order to achieve a significant increase in global climate action and put the world on a sustainable climate pathway. Leaving the Keystone XL pipeline permit in place would not be consistent with my Administration's economic and climate imperatives.

**Sec. 7. Other Revocations.** (a) Executive Order 13766 of January 24, 2017 (Expediting Environmental Reviews and Approvals For High Priority Infrastructure Projects), Executive Order 13778 of February 28, 2017 (Restoring the Rule of Law, Federalism, and Economic Growth by Reviewing the "Waters of the United States" Rule), Executive Order 13783 of March 28, 2017 (Promoting Energy Independence and Economic Growth), Executive Order 13792 of April 26, 2017 (Review of Designations Under the Antiquities Act), Executive Order 13795 of April 28, 2017 (Implementing an America-First Offshore Energy Strategy), Executive Order 13868 of April 10, 2019 (Promoting Energy Infrastructure and Economic Growth), and Executive Order 13927 of June 4, 2020 (Accelerating the Nation's Economic Recovery from the COVID-19 Emergency by Expediting Infrastructure Investments and Other Activities), are hereby revoked. Executive Order 13834 of May 17, 2018 (Efficient Federal Operations), is hereby revoked except for sections 6, 7, and 11.

(b) Executive Order 13807 of August 15, 2017 (Establishing Discipline and Accountability in the Environmental Review and Permitting Process for Infrastructure Projects), is hereby revoked. The Director of OMB and the Chair of the Council on Environmental Quality shall jointly consider whether to recommend that a replacement order be issued.

(c) Executive Order 13920 of May 1, 2020 (Securing the United States Bulk-Power System), is hereby suspended for 90 days. The Secretary of Energy and the Director of OMB shall jointly consider whether to recommend that a replacement order be issued.

(d) The Presidential Memorandum of April 12, 2018 (Promoting Domestic Manufacturing and Job Creation Policies and Procedures Relating to Implementation of Air Quality Standards), the Presidential Memorandum of October 19, 2018 (Promoting the Reliable Supply and Delivery of Water in the West), and the Presidential Memorandum of February 19, 2020 (Developing and Delivering More Water Supplies in California), are hereby revoked.

(e) The Council on Environmental Quality shall rescind its draft guidance entitled, "Draft National Environmental Policy Act Guidance on Consideration of Greenhouse Gas Emissions," 84 Fed. Reg. 30097 (June 26, 2019). The Council, as appropriate and consistent with applicable law, shall review, revise, and update its final guidance entitled, "Final Guidance for Federal Departments and Agencies on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change in National Environmental Policy Act Reviews," 81 Fed. Reg. 51866 (August 5, 2016).

(f) The Director of OMB and the heads of agencies shall promptly take steps to rescind any orders, rules, regulations, guidelines, or policies, or portions thereof, including, if necessary, by proposing such rescissions through notice-and-comment rulemaking, implementing or enforcing the Executive Orders, Presidential Memoranda, and draft guidance identified in this section, as appropriate and consistent with applicable law.

**Sec. 8. General Provisions.** (a) Nothing in this order shall be construed to impair or otherwise affect:

(i) the authority granted by law to an executive department or agency, or the head thereof; or

(ii) the functions of the Director of the Office of Management and Budget relating to budgetary, administrative, or legislative proposals.

(b) This order shall be implemented in a manner consistent with applicable law and subject to the availability of appropriations.

(c) This order is not intended to, and does not, create any right or benefit, substantive or procedural, enforceable at law or in equity by any party against the United States, its departments, agencies, or entities, its officers, employees, or agents, or any other person.

JOSEPH R. BIDEN JR.

THE WHITE HOUSE,  
January 20, 2021.

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### The White House

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Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/29/2021 8:48:29 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Fwd: BRIEFING MATERIALS: Recently signed/pending regional state implementation plan actions (Feb 2, 3:30 pm EST)  
**Attachments:** Pending SIP Actions Paper 1 29 2021 rev.docx

See previous emails. Thanks

Sent from my iPhone

Begin forwarded message:

**From:** "Koerber, Mike" <Koerber.Mike@epa.gov>  
**Date:** January 29, 2021 at 3:45:23 PM EST  
**To:** OAR Briefings <OAR\_Briefings@epa.gov>  
**Cc:** "Senter, Stephen" <Senter.Stephen@epa.gov>, "Kornylak, Vera S." <Kornylak.Vera@epa.gov>, "Mathias, Scott" <Mathias.Scott@epa.gov>  
**Subject:** BRIEFING MATERIALS: Recently signed/pending regional state implementation plan actions (Feb 2, 3:30 pm EST)

Attached please find the materials for the following briefing:

**February 2, 3:30 – 4:25 pm   Recently signed/pending regional state implementation plan actions**

Please let me know if you have any questions.

Mike

## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/28/2021 12:11:44 AM  
**To:** Tejada, Matthew [Tejada.Matthew@epa.gov]  
**Subject:** Accepted: Check in on EJ/Climate  
**Location:** Microsoft Teams Meeting  
**Start:** 2/1/2021 9:30:00 PM  
**End:** 2/1/2021 10:00:00 PM  
**Recurrence:** (none)

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/29/2021 8:47:55 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Fwd: Social Cost of Carbon - HFC's - 2/1/2021 at 1-1:45 p.m.  
**Attachments:** SCC Briefing for Joe Goffman - 012921.pptx

I am OK receiving briefing materials one by one during the course of a day in the event that I have some open time to read them. However, I want to be clear that this is not in place of the single all-in email that we emailed each other about last night and I emailed you about just now. Thanks.

Sent from my iPhone

Begin forwarded message:

**From:** "Kabanda, Thierry" <Kabanda.Thierry@epa.gov>  
**Date:** January 29, 2021 at 3:45:07 PM EST  
**To:** "Goffman, Joseph" <Goffman.Joseph@epa.gov>, "Carbonell, Tomas" <Carbonell.Tomas@epa.gov>  
**Cc:** "Rakosnik, Delaney" <rakosnik.delaney@epa.gov>  
**Subject:** FW: Social Cost of Carbon - HFC's - 2/1/2021 at 1-1:45 p.m.

Good afternoon,

Please see attached material for the 1 PM meeting on Monday.

Thierry Kabanda, MBA  
Staff Assistant  
EPA/Office of Air and Radiation  
Office: (202)-564-8604  
Cell: (202)-281-6537

---

**From:** Murphy, Tina <Murphy.Tina@epa.gov>  
**Sent:** Friday, January 29, 2021 3:33 PM  
**To:** OAR Briefings <OAR\_Briefings@epa.gov>  
**Cc:** Fawcett, Allen <Fawcett.Allen@epa.gov>; Kocchi, Suzanne <Kocchi.Suzanne@epa.gov>; Clarke, Deirdre <clarke.deirdre@epa.gov>  
**Subject:** Social Cost of Carbon - HFC's - 2/1/2021 at 1-1:45 p.m.

Dear OAR Leadership Team:

Please see below slides for "Social Cost of Carbon - HFC's" scheduled for February 1, 2021 at 1-1:45 p.m.

Thank you.



Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/28/2021 12:06:33 AM  
**To:** Miles Keogh [mkeogh@4cleanair.org]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** RE: Welcome back, Joe!

Hi, Miles.

What a great note to get one week into this wonderful new position. I really appreciate it, and, of course, I hope you know the feeling is mutual. I am greedy to take you up on all of the offers below. The first order of business is to respond to the February 18 invitation. Since I learned from the first time I was here that freelancing kills, I want to confer with key colleagues here before confirming a reply on that excellent invitation, and following up on how best to engage on the other matters you tee up.

Really great – and I believe auspicious – to hear from you, Miles.

Thank you.

All best,  
Joe

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Miles Keogh <mkeogh@4cleanair.org>  
**Sent:** Wednesday, January 27, 2021 12:22 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Cc:** Campbell, Ann <Campbell.Ann@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** Welcome back, Joe!

Dear Joe,

First of all: congratulations! I can't tell you how gratified I am to see you at EPA again, partly because of your deep expertise but also because of the good experience I had back when I was at NARUC working with OAR when you were there. As my mom sometimes says, "it's great to know a guy, it's better when you like him." Welcome back, I hope things are off to a great start for you so far.

I'd love to connect with you to figure out the best way for NACAA to put a strong bridge in place between our agencies and your office to advance our shared priorities.

First and most urgently, we're having a virtual board and committee chairs meeting on Thursday, February 18, and I'd like to invite you (and whoever else makes sense from OAR at that time) to zoom into that meeting for an hour to accomplish some of that early bridge-building. Do you think that might be possible? I'm looking at 2-3 pm, but anytime in the afternoon that fits your schedule, I can make work. (Aside - I'm copying Delaney Rakosnik and Ann Campbell so they're aware of the ask – thanks in advance, friends!)

Second, as political appointees start to get named and confirmed at EPA, we'd like to work with y'all on some of the shared priorities that we included in NACAA's transition recommendations and that we're seeing roll out rapidly from the Biden-Harris Administration. (I know you've seen it already, but [I've linked it here to make it easy to find](#)). I'd like to flag that as the next Administrator, Deputy Administrator, and an AA for Air are confirmed, we'd be honored and excited to have our leadership connect with them about how we can work together on advancing clean air and addressing climate damage – and I think NACAA has a lot to offer to them as well. I hope you'll keep that in mind, and that we can be resources to each other for that.

Finally, I'm really excited for the work ahead! Please reach out to me anytime I can be of help to you. The air directors on the NACAA roster are legitimately excited to work together with EPA in the coming years, and I am too. Whatever I can do to support you as things start rolling ahead, please count on it! I'm reachable at all hours at 571-970-6795, which you should feel welcome to use anytime.

Wishing you well, Miles

---

Miles E. Keogh  
Executive Director  
National Association of Clean Air Agencies  
1530 Wilson Blvd Suite 320  
Arlington VA 22209  
(571) 970-6795  
[mkeogh@4cleanair.org](mailto:mkeogh@4cleanair.org)  
[www.4cleanair.org](http://www.4cleanair.org)

## Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 12:48:10 PM  
**To:** Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** RE: Some (hopefully) Helpful Thoughts on All-Hands Messages...

I picked up some of these thoughts in the note I drafted over the weekend. I hope to use others during the face-to-face all hands meetings. Thanks, again.

---

**From:** Edwards, Jonathan <Edwards.Jonathan@epa.gov>  
**Sent:** Saturday, January 23, 2021 9:56 AM  
**To:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** RE: Some (hopefully) Helpful Thoughts on All-Hands Messages...

I'm sure you'll want to reforge, personalize and add/delete many things but if you want to cite some of the specific programs in OAR that you're looking on moving out on, for ORIA the nutshell is:

Indoor Air: Radon, Asthma, Indoor Air Quality, Schools and Science  
Radiation: Emergency response, Waste Isolation Pilot Plant oversight and rad waste regulations/guidance, rad protection communications and science.

You may not want to get too far ahead of yourself or you may have a notion already of how you want to point to certain OAR programs [keeping in mind that employees not in those highlighted may notice they weren't mentioned] ....at any rate. Have a good weekend....--Jon

---

**From:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Sent:** Saturday, January 23, 2021 9:44 AM  
**To:** Edwards, Jonathan <Edwards.Jonathan@epa.gov>; Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** RE: Some (hopefully) Helpful Thoughts on All-Hands Messages...

Thank you so much, Jon, this is incredibly helpful. Hope you are having a good weekend!

---

**From:** Edwards, Jonathan <Edwards.Jonathan@epa.gov>  
**Sent:** Saturday, January 23, 2021 9:31 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Subject:** Some (hopefully) Helpful Thoughts on All-Hands Messages...

Joe and Tomas---Here some very rough thoughts that may be helpful as you think about messages to the broader staff in OAR. Feel free to use whatever appeals to you and to toss out what doesn't fit.

# Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Admittedly very unpolished but hopefully this helps... --Jon

## Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/27/2021 11:48:58 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Millett, John [Millett.John@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Kabanda, Thierry [Kabanda.Thierry@epa.gov]  
**Subject:** RE: FOR YOUR REVIEW: Administrator's Weekly Report

This looks good to me. Thanks.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Wednesday, January 27, 2021 4:59 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Shaw, Betsy <Shaw.Betsy@epa.gov>; Millett, John <Millett.John@epa.gov>; DeLuca, Isabel <DeLuca.Isabel@epa.gov>; Shoaff, John <Shoaff.John@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>; Kabanda, Thierry <Kabanda.Thierry@epa.gov>  
**Subject:** FOR YOUR REVIEW: Administrator's Weekly Report

# Ex. 6 Personal Privacy (PP)

## Hot Topics

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- **Packages at OMB for Review:**
- **Packages Heading to OMB Soon**

# Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/22/2021 12:20:07 AM  
**To:** Joseph Goffman [joegoffman@gmail.com]  
**Subject:** FW: Message from the Chief of Staff

---

**From:** MassMailer <massmailer@epa.gov>  
**Sent:** Thursday, January 21, 2021 7:15 PM  
**To:** MassMailer <massmailer@epa.gov>  
**Subject:** Message from the Chief of Staff



Dear Colleagues,

First, allow me to introduce myself. I'm Dan Utech, and it is my privilege to join the EPA team as the incoming Chief of Staff.

As you know, President Biden has nominated Michael Regan, Secretary of the North Carolina Department of Environment and Natural Resources, as Administrator. While we await Secretary Regan's confirmation, I am grateful that Jane Nishida will be serving as Acting Administrator, providing us with steady leadership.

Yesterday, President Biden signed [an Executive Order on Protecting Public Health and the Environment and Restoring Resilient Communities to the Impacts of Climate Change](#), which states that: "it is the policy of my Administration to listen to the science; to improve public health and the environment; to ensure access to clean air and water; to limit exposure to dangerous chemicals and pesticides; to hold polluters accountable, including those who disproportionately harm communities of color and low-income communities; to reduce greenhouse gas emissions; to build resilience to the impacts of climate change; to restore and expand our national treasures and monuments; and to prioritize environmental justice and the creation of the well-paying union jobs necessary to deliver on these goals." EPA will be at the heart of this effort, guided by science as we move to achieve these goals and address other threats to public health and the environment.

President Biden also signed [an Executive Order On Advancing Racial Equity and Support for Underserved Communities Within the Federal Government](#). In addition to providing a framework for advancing equity, it revokes the EO 13950-Combating Race and Ethnic Stereotypes.

In the coming days and weeks, we will be building out our leadership team. At the end of this email, please find an up-to-date list of acting leaders as well as a list of the incoming appointees who onboarded this week. As we and other members of the team get up and running, we look forward to learning from you and beginning to work together.

I know that the work of EPA relies on the dedicated professionals who carry the agency's mission forward from one Administration to the next. Thank you for your ongoing service to EPA and our country, and for your efforts to protect Americans' health and our environment.

Finally, I want to acknowledge that we begin this transition during the COVID-19 pandemic. I want to assure you that this is our top priority. As a first step in that regard, yesterday President Biden signed an Executive Order requiring masks and social distancing in federal buildings. This is not a change in telework status but rather a measure to further protect those whose work requires in-person contact.

Thank you in advance for bearing with us as we onboard amidst these unprecedented circumstances. I am honored to be part of this transition.

As we look to our shared work ahead, please take a few minutes to view this brief video message from President Biden on his commitment in his own words.

Sincerely,

Dan Utech  
Chief of Staff

**Current and acting leadership:**

Acting Administrator: Jane Nishida  
OCFO: David Bloom  
OAR: Joseph Goffman  
OW: Radhika Fox  
OLEM: Barry Breen  
OCSP: Michal Freedhoff (as of 1/25)  
ORD: Jennifer Orme-Zavaleta  
OGC: Melissa Hoffer  
OECA: Larry Starfield  
OITA: Mark Kasman  
OMS: Donna Vizian  
OP: Victoria Arroyo  
OCIR: Robin Richardson  
OPEEE: Rosemary Enobakhare  
OPA: Lindsay Hamilton  
R1: Deb Szaro  
R2: Walter Mugdan  
R3: Diana Esher  
R4: John Blevins  
R5: Cheryl Newton  
R6: David Gray  
R7: Ed Chu  
R8: Deb Thomas  
R9: Deb Jordan  
R10: Michelle Pirzadeh

**Members of the incoming EPA leadership team who onboarded this week:**

**Radha Adhar, Deputy Associate Administrator for Congressional Affairs**

Radha Adhar joins EPA from the Office of Senator Tammy Duckworth where she served as Senior Policy Advisor for Science. In 2016 and 2017, Radha was an Advisor to the Jobs Strategy Council in the Office of the Secretary at the Department of Energy. She has also worked at the Sierra Club and the Natural Resources Defense Council, focusing on the Beyond 2012 Earth Summit. Radha holds a M.S. in Energy Policy and Climate Change Science from Johns Hopkins University and a B.S. in Environmental Science from the University of North Carolina at Chapel Hill.

### **Victoria Arroyo, Associate Administrator for Policy**

Vicki Arroyo returns to EPA after having served as Executive Director of the Georgetown Climate Center for 12 years and policy and supporting leading states and cities in their efforts to address and prepare for climate change. Previously, she served as Vice President for Policy Analysis and General Counsel where she directed Policy Analysis, adaptation, economics, and U.S. policy programs for a decade and was Managing Editor of the Center's book, *Climate Change: Strategies and Solutions*. She was recently Chair of the Executive Committee of the Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine and has served on numerous other boards and committees advising the National Center for Atmospheric Research, the U.S. Energy Information Administration, and the California Air Resources Board. She previously served in two offices at EPA, the Office of Air and Radiation and the Office of Research and Development, where she led the development of standards under the Clean Air Act. Vicki also served as Policy Director for the Louisiana Department of Environmental Protection, drafting legislation that reduced toxic air pollution by 50% and linking tax breaks to firms' environmental records. She is a member of the College of Environmental Lawyers in 2018 and holds a B.S. in biology from Emory and a M.P.A. from Harvard and a J.D. from Georgetown University.

### **Tomás Elias Carbonell, Deputy Assistant Administrator for Stationary Sources, Office of Air and Radiation**

Since 2012, Tomás Carbonell has held a number of positions at the Environmental Defense Fund (EDF), most recently as Director of Regulatory Policy for EDF's U.S. Clean Air program. His work included leading EDF's litigation and regulatory analysis of the Clean Power Plan and carbon pollution standards for new, modified and reconstructed power plants; defending against claims of hazardous air pollution from power plants and industrial sources; and advocacy in defense of EPA's use of rigorous health and economic analysis. From 2008 until 2012, Tomás was an Associate at Van Ness Feldman, LLP, where he counseled diverse clients on regulatory matters related to climate change, clean energy, and environmental and electricity regulation. He has a J.D. and a M.A. in Environmental Change and Management and Development Economics from the University of Oxford, and a B.S. in Chemical Engineering, Economics, and Multidisciplinary Studies from North Carolina State University.

### **Alison Cassady, Deputy Chief of Staff for Policy**

Alison Cassady most recently served as the Deputy Staff Director for the U.S. House of Representatives, Select Committee on Energy and Commerce, where she managed a team of lawyers and scientists to conceptualize, draft and deliver a congressional policy roadmap for reducing emissions by 2050 and building a clean energy economy that values workers and advances environmental justice. Prior to this, she was the Managing Director of the Energy and Environment Team at the Center for American Progress, providing strategic and policy support to a team working on climate change policy, public lands conservation, and ocean protection. Alison also served on the House Committee on Energy and Commerce and Committee on Oversight and Government Reform. She holds a Master of Public Administration from the University School of Public and Environmental Affairs and a B.S. in Foreign Service from Georgetown University School of Foreign Service.

### **Dimple Chaudhary, Deputy General Counsel for Nationwide Resource Protection Programs**

Dimple Chaudhary joins EPA after serving as Deputy Litigation Director at the Natural Resources Defense Council. Her work focused on litigation and advocacy to protect communities from drinking water contamination and exposure to toxics. Dimple was lead counsel in Flint, Michigan, in a case brought to address lead contamination in the city's drinking water, which led to a settlement requiring the replacement of all Flint's lead service lines within three years. Prior to joining NRDC, she was an associate at WilmerHale and a law clerk to Judge Carol Bagley Amon of the United States District Court for the Eastern District of New York. She holds a bachelor's degree in Environmental Studies from the University of California, a master's degree in urban planning from the London School of Economics, and a J.D. from Columbia Law School.

### **Rosemary Enobakhare, Associate Administrator for Public Engagement and Environmental Education**

Rosemary Enobakhare returns to EPA where she served as the Deputy Associate Administrator for Public Engagement and Environmental Education, leading the agency's community outreach and strategic engagement plans. Since then, she has been the Deputy Director of The Hub Project, developing and managing large-scale advocacy campaigns that shift the conversation around top priorities. She also worked for two years as the Campaign Director at the Clean Water for All Campaign, serving as the principal point of contact for the campaign.

stakeholders and overseeing all aspects of the campaign's daily operations. Rosemary is a graduate of Spelman College and a major in Economics.

### **Philip Fine, Principal Deputy Associate Administrator for Policy**

Dr. Fine joins EPA after a 15-year career at the South Coast Air Quality Management District in Southern California. He served as the Deputy Executive Officer for the Planning, Rule Development & Area Sources Division, where he oversaw all activities including development of State Implementation Plans and Air Quality Management Plans, strategies and regulations, air quality meteorology and forecasting, air quality evaluation, air toxics risk assessment, emissions inventories, socioeconomic analysis, programs, and enforcement for area sources. Prior to this role, Dr. Fine's previous responsibilities at South Coast AQMD included ambient air monitoring, laboratory services, quality assurance, and source testing. Dr. Fine served on the California Air Resources Board's legislatively mandated Research Screening Committee, and has also served on several EPA Clean Air Scientific Advisory Panel panels. Before joining the South Coast AQMD, Dr. Fine was a Research Assistant Professor at the University of Southern California where he taught courses and conducted extensive research on particulate pollution, air monitoring technologies, and air quality. He has over 50 peer-reviewed scientific publications to date. He received his Ph.D. from the California Institute of Technology in Science & Engineering, and his bachelor's degree in Mechanical Engineering and Materials Science & Engineering from the University of California, Berkeley.

### **Radhika Fox, Principal Deputy Assistant Administrator, Office of Water**

Prior to her appointment at EPA, Radhika Fox was the Chief Executive Officer of the US Water Alliance, a national organization advancing policies and programs that build a sustainable water future for all. She has more than 20 years of experience in developing programs and issue-based advocacy campaigns on the most salient water issues facing the nation including climate change, innovative finance, water infrastructure investment, equity, and the evolution of the One Water movement. Previously, she worked in public and government affairs for the San Francisco Public Utilities Commission, which is responsible for providing 24/7 water and municipal power services to millions of Bay Area residents. She also served as the Federal Policy Director at PolicyLink, where she led the organization's policy agenda on a wide range of issues, including infrastructure investment, transportation, sustainability, economic inclusion, and workforce development. Radhika has a M.A. in City and Regional Planning from the University of California and a B.A. in Religion and Philosophy from Columbia University.

### **Michal Ilana Freedhoff, Principal Deputy Assistant Administrator for Chemical Safety and Pollution Prevention**

Michal Ilana Freedhoff joined the Senate Environment and Public Works Committee as its Minority Director of Oversight and Policy. She has more than twenty years of government experience, beginning in 1996 in then-Congressman Ed Markey's office as a Policy and Engineering fellow after receiving a Ph.D. in physical chemistry at the University of Rochester. She has also served on the House Science Committee, the House Select Committee on Energy Independence and Global Warming, the House Committee on Environment and Public Works, the Senate Committee on Environment and Public Works, the House Committee and the House Natural Resources Committee. Her legislative work includes the fuel economy provisions of the Energy Independence and Security Act, a law requiring the creation of an online database of dangerous consumer products, the authorization of the Toxic Substances Control Act, and 2019 legislation to address PFAS contamination. She lives in Washington, DC with her husband and four children.

### **Joseph Goffman, Principal Deputy Assistant Administrator, Office of Air and Radiation**

Joe Goffman returns to EPA after serving from 2009 – 2017 as the Associate Assistant Administrator for Climate and Environmental Policy of Air and Radiation, where he provided policy and legal counsel on a wide range of climate policy and Clean Air Act implementation issues and rulemakings. Since 2017 he has served as the Executive Director of the Environmental and Energy Policy Center at Harvard Law School where he led a team of attorneys and communications specialists providing information and analysis to government decision makers and the media, and offering innovative responses on emerging issues in the areas of federal energy and electricity law and environmental and administrative law as well as in selected areas of corporate law. Joe also served the Senate Committee on Environment and Public Works as the Democratic Chief Counsel and Majority Senior Counsel. He holds law degrees from Yale University.

### **Lindsay Hamilton, Associate Administrator for Public Affairs**

Lindsay Hamilton comes to EPA from Climate Nexus, a communications non-profit, where she was senior director of strategy. She also spent time as the chief spokesperson for The George Washington University, the chief of staff at the Center for American Progress, and she served in roles in both the U.S. House of Representatives and the and the U.S. Senate. In her career, she worked for ABC News. Lindsay earned a B.A. in international affairs and political science from The George Washington University. She earned her master's degree from the Columbia University School of International and Public Affairs in 2008. She lives in Omaha, Nebraska.

### **Sinceré Harris, White House Liaison**

Sinceré Harris joins EPA with years of senior-level experience in developing strategies to define, communicate and advance the agency's mission. In 2015 she has served as the Executive Director of the Pennsylvania Democratic Party, where she was at the forefront of coordinated campaigns, approving and managing multi-million dollar coordinated budgets, and led the formation of the party's 2020 strategy. In 2020, Sinceré was named the Pennsylvania Senior Advisor for Joe Biden for President, including advising a team of staff on organizing, voter protection, political and coalition building, and communications. She previously worked as the Assistant Secretary for the Commonwealth of Pennsylvania. Sinceré has a degree in Psychology from Temple University.

### **Melissa Hoffer, Principal Deputy General Counsel**

Prior to joining EPA, Melissa Hoffer was with the Massachusetts Attorney General's Office where she served as the Chief Counsel for the Environment Bureau and oversaw the work of the Bureau's attorneys on matters including prosecuting civil and criminal cases, enforcing environmental laws, energy policy, ratepayer advocacy, defensive cases, and affirmative advocacy, including litigation related to Mercury and Air Toxics Standards. In 2020, Melissa was inducted as a Fellow into the American College of Environmental Lawyers. She received a 2020 Meritorious Service Award from the National Association of Attorneys General, a Massachusetts Law Award in 2013, and a Boston Bar Association President's award in 2007. Melissa served for over five years as a Senior Counsel for the Conservation Law Foundation and director of its Healthy Communities and Environmental Justice Program, and director of the Advocacy Center. Melissa practiced at WilmerHale for many years where her focus was environmental law and litigation. She holds a J.D. from Northeastern University School of Law, an M.Ed. from the University of Massachusetts, and a B.A. from Hampshire College.

### **Casey Katims, Deputy Associate Administrator for Intergovernmental Affairs**

Casey Katims most recently served as Director of Federal and Inter-State Affairs for Washington Governor Jay Inslee. He was a policy advisor on federal policy issues and directing the state of Washington's engagement with Congress, the White House, and other federal agencies, governors' offices and various other stakeholders in D.C. Prior to this role, he spent five years as a policy advisor in the U.S. House of Representatives for Rep. Suzan DelBene, developing bills and amendments on a range of issues and helping manage the House Ways and Means Committee. Casey has a degree in Political Science from Vassar College and grew up in Everett, Washington.

### **John Lucey, Special Assistant to the Administrator**

John Lucey joins EPA from the North Carolina Department of Environmental Quality (NCDEQ), starting as a Legislative Counsel. He served since 2019 as the Chief Strategy Officer, helping create and manage the strategic implementation of both North Carolina's Climate Plan and Risk and Resiliency Plan. He also provided guidance to the Department on significant State initiatives including the Tar Sands Ash Settlement, the North Carolina Environmental Justice and Equity Board and the Chemours Consent Order. John holds a B.S. in Science from North Carolina State University and an Associate of Arts degree from Central Piedmont Community College.

### **Dan Utech, Chief of Staff**

Dan Utech has over 20 years of experience in the federal environmental and energy sectors., including as a President 1997/1998 with assignments at EPA, the National Oceanic and Atmospheric Administration and the U.S. Forest Service. He served at the White House Domestic Policy Council, including as Deputy Assistant to the President for Energy and Climate Change. He led the White House and cross-governmental teams to implement and coordinate communications for President Obama. He oversaw the Administration's energy and climate change strategy, and promoted the President's agenda in Congress. He was a Senior Advisor to the Secretary at the U.S. Department of Energy, where his responsibilities included budget development and oversight of initiatives such as nuclear waste. Prior to his federal agency experience, Dan was Senior Advisor to Senator Hillary Clinton and a Staff Senator on all energy and environmental issues, including climate change, clean diesel, and energy efficiency, as well as toxic substances and endangered species. He has been a lecturer at the Yale School of Forestry and Environmental Studies and received an M.E.S. degree. He also holds degrees from the Yale School of Management and Amherst College.

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/27/2021 11:46:47 PM  
**To:** Millett, John [Millett.John@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Monroe, Scott [Monroe.Scott@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]  
**Subject:** RE: OAP All-Hands -- Talking points and employee questions

These look great. Thank you.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Millett, John <Millett.John@epa.gov>  
**Sent:** Wednesday, January 27, 2021 5:17 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Cc:** Shaw, Betsy <Shaw.Betsy@epa.gov>; Campbell, Ann <Campbell.Ann@epa.gov>; Monroe, Scott <Monroe.Scott@epa.gov>; DeLuca, Isabel <DeLuca.Isabel@epa.gov>  
**Subject:** OAP All-Hands -- Talking points and employee questions

Same exact e-mail and file as before (sorry) – just adding the agenda up top. Brief cover note and OAP staff questions below.

**1/28/2021 3PM**

**Agenda**

1. All Hands Kick-Off – *Chris introduces Joe and Tomás*
2. Introduction and overall agenda and priorities
  - Joe Goffman, Acting Assistant Administrator for the Office of Air and Radiation
  - Tomás Carbonell, Deputy Assistant Administrator for Stationary Sources for the Office of Air and Radiation
3. Moderated Q/A in the chat box
4. Close – *Chris to close*

---

**From:** Millett, John  
**Sent:** Wednesday, January 27, 2021 5:06 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Cc:** Campbell, Ann <Campbell.Ann@epa.gov>; Betsy Shaw (Shaw.Betsy@epa.gov) <Shaw.Betsy@epa.gov>; Scott Monroe <Monroe.Scott@epa.gov>; Isabel DeLuca <DeLuca.Isabel@epa.gov>  
**Subject:** OAP All-Hands -- Talking points and employee questions

# Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

Thanks – Suzie

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/29/2021 8:45:21 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Fwd: Social Cost of Carbon - HFC's - 2/1/2021 at 1-1:45 p.m.  
**Attachments:** SCC Briefing for Joe Goffman - 012921.pptx

Do you have access to OAR Briefings? I want to confirm our exchange from last night that you, Delaney, or Thierry will send me and the DAAs a single daily email with all the next-day briefing materials in it. Thanks!

Sent from my iPhone

Begin forwarded message:

**From:** "Murphy, Tina" <Murphy.Tina@epa.gov>  
**Date:** January 29, 2021 at 3:32:36 PM EST  
**To:** OAR Briefings <OAR\_Briefings@epa.gov>  
**Cc:** "Fawcett, Allen" <Fawcett.Allen@epa.gov>, "Kocchi, Suzanne" <Kocchi.Suzanne@epa.gov>, "Clarke, Deirdre" <clarke.deirdre@epa.gov>  
**Subject:** Social Cost of Carbon - HFC's - 2/1/2021 at 1-1:45 p.m.

Dear OAR Leadership Team:

Please see below slides for "Social Cost of Carbon - HFC's" scheduled for February 1, 2021 at 1-1:45 p.m.

Thank you.

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 12:47:52 PM  
**To:** Dunham, Sarah [Dunham.Sarah@epa.gov]  
**Subject:** FW: TRUMP ADMINISTRATION: 11TH HOUR TENNESSEE/EPA Region 4 MATTER: Request for Biden Admininstration involvement/oversight  
**Attachments:** Urgent Tennessee matter - last minute Trump action.pdf

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/27/2021 11:24:47 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** RE: Moot - sample questions

Excellent, Tomas. Really helpful.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Sent:** Wednesday, January 27, 2021 6:07 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Moot - sample questions

Hi Joe, here are some suggested questions for Secretary Regan's moot – my thinking was that sample hostile questions might be most useful. Hope these are helpful!

## Ex. 5 Deliberative Process (DP)

Tomás

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/14/2021 3:14:30 PM  
**To:** Millett, John [Millett.John@epa.gov]  
**CC:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]; Stevens, Katherine [stevens.katherine@epa.gov]  
**Subject:** Re: CSAPR Comms materials - PR, comms plan, and call list/tick-tock

Thanks, John.

Sent from my iPhone

On Mar 14, 2021, at 10:33 AM, Millett, John <Millett.John@epa.gov> wrote:

Thanks, Joe — there is a lengthy set of internal q/a still with CAMD. We should have them at some point on Monday. I'll pass along your questions to them, and if the q's you ask are not already covered, they can add them.

Sent from my iPhone

On Mar 13, 2021, at 4:59 PM, Goffman, Joseph <Goffman.Joseph@epa.gov> wrote:

## Ex. 5 Deliberative Process (DP)

Thanks.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Millett, John <Millett.John@epa.gov>  
**Sent:** Friday, March 12, 2021 4:57 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Nunez, Alejandra <Nunez.Alejandra@epa.gov>; Shoaff,

John <Shoaff.John@epa.gov>; Campbell, Ann <Campbell.Ann@epa.gov>; DeLuca, Isabel  
<DeLuca.Isabel@epa.gov>; Stevens, Katherine <stevens.katherine@epa.gov>

**Subject:** CSAPR Comms materials - PR, comms plan, and call list/tick-tock

## Ex. 5 Deliberative Process (DP)

Folks are as prepared as they can be for whenever the rule is signed.

Thanks --

John

~~~~~

John Millett  
Director, OAR Communications  
Desk: 202-564-2903  
Cell: 202-510-1822

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/21/2021 9:49:36 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]  
**Subject:** Re: Seeing if this is your email

Perfect. Thanks

Sent from my iPhone

On Jan 21, 2021, at 4:46 PM, Rakosnik, Delaney <rakosnik.delaney@epa.gov> wrote:

I'll bring this up tomorrow at RT for other thoughts, unless you don't like that tactic.

---

**From:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Sent:** Thursday, January 21, 2021 4:31 PM  
**To:** Doniger, David <ddoniger@nrdc.org>  
**Cc:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: Seeing if this is your email

If only my first full day(s) were of the sort that permitted me to have this kind of discussion. How about if Delaney finds a time for us to talk next week? Thanks.

---

**From:** Doniger, David <ddoniger@nrdc.org>  
**Sent:** Thursday, January 21, 2021 2:35 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Seeing if this is your email

Would like to discuss power plant plans with you. Also, the recent denial of the CBD NAAQS petition.

Best,

David

DAVID DONIGER  
*Senior Strategic Director*  
*Climate and Clean Energy Program*

**NATURAL RESOURCES  
DEFENSE COUNCIL**  
1152 15TH STREET NW, SUITE 300  
WASHINGTON, DC 20005  
T 202.289.2403  
F 202.289.1060  
M 202.321.3435  
[DDONIGER@NRDC.ORG](mailto:DDONIGER@NRDC.ORG)  
[@DAVIDDONIGER](https://twitter.com/DAVIDDONIGER) (TWITTER)  
[NRDC.ORG/EXPERTS/DAVID-DONIGER](https://www.nrdc.org/experts/david-doniger) (BLOG)  
[NRDC.ORG](https://www.nrdc.org)

Please save paper.  
Think before printing.

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/21/2021 9:42:49 PM  
**To:** Doniger, David [ddoniger@nrdc.org]  
**CC:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** RE: Seeing if this is your email

OK. Adding Tomas.

---

**From:** Doniger, David <ddoniger@nrdc.org>  
**Sent:** Thursday, January 21, 2021 4:40 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Cc:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: Seeing if this is your email

Terrific. Before the 27<sup>th</sup>?

DAVID DONIGER  
*Senior Strategic Director  
Climate and Clean Energy Program*  
NATURAL RESOURCES  
DEFENSE COUNCIL

---

**From:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Sent:** Thursday, January 21, 2021 4:31 PM  
**To:** Doniger, David <ddoniger@nrdc.org>  
**Cc:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: Seeing if this is your email

If only my first full day(s) were of the sort that permitted me to have this kind of discussion. How about if Delaney finds a time for us to talk next week? Thanks.

---

**From:** Doniger, David <ddoniger@nrdc.org>  
**Sent:** Thursday, January 21, 2021 2:35 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Seeing if this is your email

Would like to discuss power plant plans with you. Also, the recent denial of the CBD NAAQS petition.

Best,

David

DAVID DONIGER  
*Senior Strategic Director  
Climate and Clean Energy Program*

NATURAL RESOURCES  
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1152 15TH STREET NW, SUITE 300  
WASHINGTON, DC 20005  
T 202.289.2403  
F 202.289.1060  
M 202.321.3435

[DDONIGER@NRDC.ORG](mailto:DDONIGER@NRDC.ORG)  
[@DAVIDDONIGER](#) (TWITTER)  
[NRDC.ORG/EXPERTS/DAVID.DONIGER](http://NRDC.ORG/EXPERTS/DAVID.DONIGER) (BLOG)  
[NRDC.ORG](http://NRDC.ORG)

Please save paper.  
Think before printing.

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/27/2021 12:33:44 AM  
**To:** Snyder, Carolyn [Snyder.Carolyn@epa.gov]  
**CC:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** FW: doubling ENERGY STAR

Info for Carolyn, meeting quasi-request for current standard response for Delaney. Thanks, Everyone!

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Evans, Ben <bevans@ase.org>  
**Sent:** Tuesday, January 26, 2021 5:22 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** FW: doubling ENERGY STAR

Hi Joe:

Congratulations on your new position at EPA! We're very excited to work with you. I believe others in the energy efficiency space have reached out about a potential meeting, but I wanted to make sure you had seen our proposal to double the ENERGY STAR program. It's one of the top priorities for the Alliance this year:

[https://www.ase.org/sites/ase.org/files/energy\\_star\\_fact\\_sheet\\_final2020.pdf](https://www.ase.org/sites/ase.org/files/energy_star_fact_sheet_final2020.pdf)

I would love to discuss this further as we think it could be a popular and highly impactful part of the administration's climate agenda.

Best,  
Ben

Ben Evans  
Vice President, Public Affairs  
202.997.1919 | [bevans@ase.org](mailto:bevans@ase.org)



1850 M Street NW, Suite 610 | Washington, DC 20036  
[ASE.org](http://ASE.org) | [Twitter](#) | [Facebook](#) | [LinkedIn](#)

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 8:15:47 PM  
**To:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Hyde, Courtney [Hyde.Courtney@epa.gov]  
**Subject:** FW: FY21 extramural needs for priority EPA climate rules

# Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 2:22:25 AM  
**To:** Levine, Jake C [JCLevine@cov.com]  
**Subject:** RE: Obama climate adviser takes reins as EPA chief of staff

Thanks, Jake.

---

**From:** Levine, Jake C <JCLevine@cov.com>  
**Sent:** Thursday, January 21, 2021 9:07 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** FW: Obama climate adviser takes reins as EPA chief of staff

What excellent news -- and what a great team! Mazel tov!

---

**From:** POLITICO Pro Energy <[alert@email.politicopro.com](mailto:alert@email.politicopro.com)>  
**Sent:** Thursday, January 21, 2021 5:54 PM  
**To:** Levine, Jake C <JCLevine@cov.com>  
**Subject:** Obama climate adviser takes reins as EPA chief of staff

[EXTERNAL]

**Obama climate adviser takes reins as EPA chief of staff**

By Alex Guillén, Annie Snider

01/21/2021 08:52 PM EST

Dan Utech, a former Obama climate adviser, will serve as EPA's chief of staff, one of a slate of political appointments at the agency announced on Thursday evening.

Unlike administrator nominee Michael Regan or his deputy nominee Janet McCabe, none of the newly announced positions require Senate confirmation. But they will allow EPA to begin working on President Joe Biden's agenda, which included a hefty list of regulations to reconsider and rewrite.

The appointments include several Obama administration alumni, and some of the top officials who will serve in key offices, including the air, water and chemicals offices. The list also includes several diverse picks who have highlighted environmental justice issues in their past work.

After serving as an adviser to Hillary Clinton in the Senate, Utech joined the Obama administration at the Energy Department before becoming an energy and climate adviser to Obama in the White House. For the past four years he has run a consultancy called Climate Strategies and lectured at Yale University.

"EPA will be at the heart of President Biden's commitment to protect public health and the environment while building a clean energy future that creates good paying jobs," Utech said in a statement. "We will be guided by science as we work together to achieve these goals on behalf of all Americans."

Here are the other political appointees who have landed at EPA:

**Radha Adhar** will be deputy associate administrator for congressional affairs and comes from advising Sen. Tammy Duckworth (D-Ill.) on energy and environmental issues.

**Vicki Arroyo** will be associate administrator for policy. She has been executive director of the Georgetown Climate Center for 12 years.

**Tomás Carbonell** will be deputy assistant administrator for stationary sources in EPA's air office, which will place him in charge of major regulatory efforts for power plants, the oil and gas sector and other big industries. He has worked at the Environmental Defense Fund since 2012, most recently as a senior counsel and director of regulatory policy. With expertise in greenhouse gases and the Clean Air Act, Carbonell played a role in multiple legal challenges to Trump EPA rollbacks of climate rules for the power sector and the oil and gas industry.

**Alison Cassady** will be deputy chief of staff for policy. She previously was deputy staff director for the House Select Committee on the Climate Crisis and before that was managing director of the Center for American Progress's energy and environment team.

**Dimple Chaudhary** will serve as deputy general counsel for nationwide resource protection programs. She was previously deputy litigation director for the Natural Resources Defense Council, which sued over many Trump-era EPA actions.

**Rosemary Enobakhare** as associate administrator for public engagement and environmental education. She served as the deputy to that position in the Obama administration, and since has worked at the Clean Water for All Coalition and most recently as campaign director of The Hub Project.

**Philip Fine** will be principal deputy associate administrator for policy after 15 years at the South Coast Air Quality Management District, a regional air regulator in California.

**Radhika Fox** as principal deputy assistant administrator for EPA's water office. She previously was CEO of the U.S. Water Alliance. She is a major voice for water infrastructure investment and elevated environmental justice issues at the nonprofit.

**Michal Freedhoff** will be principal deputy assistant administrator for EPA's chemical and pesticide office. She has been the Democratic oversight director for the Senate Environment and Public Works Committee for the past four years and helped craft the bipartisan 2016 overhaul of the Toxic Substances Control Act, as well as the upper chamber's legislative efforts to address PFAS. She starts on Jan. 25.

**Joe Goffman** will be principal deputy assistant administrator for EPA's air office. He was a top adviser on climate and air issues there during the Obama administration and played a major role in crafting the Clean Power Plan. He spent the past four years running the Environmental and Energy Law Program at Harvard Law School.

**Lindsay Hamilton** will run EPA's public affairs shop. She previously was senior director of national media strategy at the nonprofit communications outfit Climate Nexus.

**Sinceré Harris** will be White House liaison. She has been executive director of the Pennsylvania Democratic Party since 2015.

**Melissa Hoffer** will be principal deputy general counsel. A top energy and environment official in the Massachusetts attorney general's office since 2012, she participated in key lawsuits attacking Trump-era

regulations. Hoffer previously spent seven years at WilmerHale and more than five years at the Conservation Law Foundation, a Boston-based environmental group.

**Casey Katims** will be deputy associate administrator for intergovernmental affairs. He comes from Washington Gov. Jay Inslee's office, where he directed federal and interstate affairs. He previously advised Rep. Suzan DelBene (D-Wash.).

**John Lucey** will serve as a special assistant to the administrator and comes from Regan's home agency, the North Carolina Department of Environmental Quality, where he has worked since 2015 and advised on high-level issues including the massive Duke Energy coal ash settlement, among other things.

*To view online:*

<https://subscriber.politicopro.com/energy/article/2021/01/obama-climate-adviser-takes-reins-as-epa-chief-of-staff-2029978>

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Arlington, VA 22209  
USA

## Appointment

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/22/2021 10:43:41 PM  
**To:** Adhar, Radha [Adhar.Radha@epa.gov]  
**Subject:** Accepted: To discuss CRA  
**Location:** Microsoft Teams Meeting  
**Start:** 1/25/2021 9:15:00 PM  
**End:** 1/25/2021 9:45:00 PM  
**Show Time As:** Busy

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/27/2021 12:24:44 AM  
**To:** Adhar, Radha [Adhar.Radha@epa.gov]  
**CC:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Haman, Patricia [Haman.Patricia@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** FW: Background document for Regan moot  
**Attachments:** 01.26.21. Issue area prep for Regan Moot OAR.docx

Hi, Radha. Given the press of time, OAR staff mostly just flagged potential additional subjects or points to include in the next pass, after tonight's version goes to Secretary Regan. Thanks.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Sent:** Tuesday, January 26, 2021 7:03 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Cc:** Campbell, Ann <Campbell.Ann@epa.gov>; Shoaff, John <Shoaff.John@epa.gov>; Lubetsky, Jonathan <Lubetsky.Jonathan@epa.gov>  
**Subject:** Background document for Regan moot

Hi Joe, with great thanks to John and Jonathan for their input, I've attached here a few comments and suggested edits to the background document for Secretary Regan. Please feel free to share this with Radha after you've had a chance to review. Best,

Tomás

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 2:16:08 AM  
**To:** Haman, Patricia [Haman.Patricia@epa.gov]  
**Subject:** RE: Welcome Back!

Thanks, Pat. Me, too!

---

**From:** Haman, Patricia <Haman.Patricia@epa.gov>  
**Sent:** Friday, January 22, 2021 12:55 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Welcome Back!

Hi Joe, I am looking forward to seeing you and working with you again. Please let me know if I can be of any assistance.  
Pat

Patricia E. Haman  
Air & Climate Team Leader  
Office of Congressional Affairs  
U.S. EPA  
202-564-2806  
[haman.patricia@epa.gov](mailto:haman.patricia@epa.gov)

## Appointment

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 2:14:39 AM  
**To:** Adhar, Radha [Adhar.Radha@epa.gov]  
**Subject:** Accepted: To discuss CRA  
**Location:** Microsoft Teams Meeting  
**Start:** 1/25/2021 9:30:00 PM  
**End:** 1/25/2021 10:00:00 PM  
**Recurrence:** (none)

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/28/2021 5:53:31 PM  
**To:** joegoffman@gmail.com  
**Subject:** FW: Talking points/logistics for OAA all hands at 2;15 pm  
**Attachments:** 2021-January OAA All Hands talking pointsa\_.docx

**Importance:** High

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Shaw, Betsy <Shaw.Betsy@epa.gov>  
**Sent:** Thursday, January 28, 2021 12:44 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Cc:** Millett, John <Millett.John@epa.gov>; Campbell, Ann <Campbell.Ann@epa.gov>; Monroe, Scott <Monroe.Scott@epa.gov>  
**Subject:** Talking points/logistics for OAA all hands at 2;15 pm  
**Importance:** High

Hi Joe and Tomas,

Sorry for the just-in-time delivery of these talking points for the OAA/Immediate Office all hands meeting this afternoon, now beginning at 2:15 p.m. We will be using regular Teams for this session rather than Team Live Event you experienced with OAQPS yesterday and will use again with OAP later today. Scott will give instructions to the group about muting and using the hand raising function when we get to the Qs and As. He'll then turn it briefly to me to welcome you guys, then I'll hand things over to you, Joe and you and Tomas and you take it from there. When you're done speaking, turn it back over to Scott who will call on any hands raised for Q and A. I'm happy to help if needed with any COVID or ELMS/lean questions.

Holler if you have any questions.

Thanks,

Betsy

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/13/2021 4:52:04 AM  
**To:** laura.a.bloomer (Ex. 6 Personal Privacy (PP))  
**Subject:** FW: InsideEPA Article

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Friday, March 12, 2021 9:35 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** InsideEPA Article

## EPA Could Revive 'Capacious' Interpretation Of Clean Air Act Authorities

March 11, 2021

Tweet

As the Biden EPA grapples with reversing Trump-era deregulatory actions while tackling major issues such as climate change, the agency could return to a “capacious” interpretation of existing Clean Air Act (CAA) powers as Joe Goffman, currently the Biden administration’s top political appointee in EPA’s air office, suggested last year.

The expansive and “progressive” view of the agency’s powers under the air law echoes the Obama administration, most notably its use of what it saw as existing authority to pursue the Clean Power Plan (CPP) greenhouse gas rule for power plants. The Trump EPA said the rule exceeded the agency’s statutory powers and replaced it with the much narrower Affordable Clean Energy (ACE) rule, but a federal appeals court in January vacated ACE.

Goffman was the associate administrator for climate and senior counsel in EPA’s Office of Air & Radiation (OAR) during the Obama administration, and is now principal deputy assistant administrator in the Biden EPA’s OAR. Sources say his past statements on EPA’s powers could help to inform his approach to agency air policies.

Observers note that rules the Biden EPA might create under an expansive view of its air law powers are all but certain to face legal challenges, but that the urgency of tackling major emissions problems requires the approach.

One state air official says, “We’re at a stage that we’ve got to try to move with the tools on hand. We lost four years of progress, climate legislation is still a pipe dream, and climate change isn’t going away. If it isn’t risky, it isn’t big enough to matter.”

An environmentalist adds, “EPA has consistently done far less than it could -- and less than the Act requires -- to protect public health and the environment. The Biden Administration can go much further than its predecessors without coming anywhere near the limits on its statutory authority.”

In summer 2020, Goffman [co-authored an article](#) for the *Case Western Reserve Law Review* making the case for an air law imperative to progressively reduce pollution in accordance with scientific advances, and also for inherent flexibility in the air law that allows for creative problem solving. Goffman wrote the piece, “Disempowering the EPA: How Statutory Interpretation of the Clean Air Act Serves the Trump Administration’s Deregulatory Agenda,” in his capacity as then-executive director of Harvard Law School’s Environmental & Energy Law Program, with Harvard legal fellow Laura Bloomer.

In their article, Goffman and Bloomer criticize a series of Trump EPA regulatory rollbacks for having a narrow reading of air law authorities, seemingly intended to “hamstring” the agency’s future ability to regulate. This limited view of the law is at odds not only with decades of EPA practice, but also with judicial precedent that has accepted a much broader reading of the statute and frequently deferred to EPA’s legal interpretations, they said.

“For most of its existence, the EPA’s path has been ‘progressive’ in that the statutes the EPA implements, including the CAA, obligate the Agency to advance its regulations as science and technology progress. The EPA’s rule-making under the CAA must integrate advances in our understanding of the effects of air pollution on the environment and on public health, as well as new methods to curb pollution,” Goffman and Bloomer wrote.

“Where the Act is vague in whether and how it applies to emerging understandings of air-quality challenges, the EPA has read the language to be capacious enough to require or authorize the Agency to take the actions needed to solve these new problems. To do so, the EPA evaluates new science to find CAA-based solutions to meet the Act’s emission-reduction goals,” according to the authors -- an approach that Goffman could now reinstate at OAR.

Further, EPA has traditionally understood its legal authority to allow it to grant regulated entities compliance flexibility, they wrote. “The courts have mostly ratified the EPA’s interpretive approach. This bolsters the Agency’s understanding that the CAA contains the necessary tools for it to achieve continually improve air quality.”

### **Pollution Reductions**

In addition to regulatory flexibility, the CAA inherently presses EPA toward pollution reductions, making the Trump EPA’s “static” interpretations of the law inappropriate, Goffman and Bloomer argued. “Woven into the CAA’s fabric is a congressional mandate for progress, not through the sweeping aspirational language found in other environmental statutes, but by requiring recurrent standard-setting and upgrades to pollution-control techniques.”

For example, the law requires reviews of national ambient air quality standards (NAAQS) every five years and reviews of air toxics standards and new source performance standards every eight years. The CAA’s various air regulatory programs contain a number of technology-based standards, all of which reinforce the law’s progressive character, the authors say, giving EPA power to pursue more-stringent air pollution reduction mandates.

“In addition to the mechanisms designed to result in continually declining pollution, Congress suffused the Act’s language with calls for the continuous reduction of air pollution. Maximalist adjectives are the foundation of the various technological standards: *best* available control technology, *maximum* achievable control technology, *best* system of emission reduction, and *lowest* achievable emission rate, for example.” The authors refer to several programs, including the CPP and interstate air trading rules, as embodying the CAA’s capacity to identify and mitigate novel problems, such as GHG emissions, using existing authorities.

They claim courts have in general sided with EPA’s broad interpretation of its authorities, only limiting its actions but not fully reversing them, citing as one example the Supreme Court’s limitation of GHG air permitting to only those “major” air pollution sources already regulated under the CAA by virtue of their non-GHG emissions.

Goffman and Bloomer maintain that CAA section 111 confers considerable flexibility for states to fulfill CAA mandates, as for example under section 111(d) that was the basis for existing source performance standards under the CPP. The Biden administration is working on a plan to regulate power plant GHGs after the U.S. Court of Appeals for the District of Columbia Circuit in January vacated ACE and also scrapped a Trump EPA rule repealing the CPP.

The Biden EPA successfully asked the court to halt implementation of its decision reversing the CPP repeal, signaling that the administration is likely to pursue a new approach to regulating utility GHGs instead.

But any attempt to craft a GHG rule using a “capacious” view of the law might face legal challenges, and potential hurdles with the now more-conservative Supreme Court, because what may permissibly be included in the “best system of emission reduction” (BSER) required by section 111(d) is still an open question.

Sources tell *Inside EPA* that despite the litigation risks inherent in using novel approaches under the CAA to target air quality problems, the agency may have no alternative other than to again try major new programs. Indeed, sources say the agency is already eying a new interstate air rule to address ozone. The Supreme Court has already upheld one such existing interstate air program, the Cross-State Air Pollution Rule (CSAPR).

One possible novel approach would be to set [a NAAQS for GHGs](#) -- likely carbon dioxide (CO2) -- if regulation under section 111 or another mechanism does not work out. EPA has previously denied requests from environmentalists to establish CO2 as a "criteria" pollutant subject to a NAAQS, because of the legal, political and practical challenges this would involve, such as what target to set, how to measure that and perhaps most problematically, how to achieve that limit using state implementation plans (SIPs) that apply to states' own emissions. But the agency is now looking at the issue again, reevaluating environmentalists' petition on the question.

#### **Potential Risks**

A second state source says EPA has already conducted an "endangerment finding" that GHGs endanger human health and welfare, and it therefore must regulate regardless of what Congress does. "There's an endangerment finding that EPA is obligated to develop programs for, and there's clear, low-risk, lawful pathways for mobile sources and stationary sources to be regulated and those emission sources will be first up."

Further, "I think GHGs from the power sector could be regulated under a NAAQS approach, [or] under Section 111, or something else in a way that would survive skeptical judicial review," the source says.

The first state source says, "with the current Supreme Court, any GHG rule having a meaningful impact under the Clean Air Act will be risky," and the White House seems to acknowledge this by spreading its GHG strategy across multiple agencies, in addition to potential support for new legislation in Congress designed to tackle climate change. "I'm not clear that they have plans for a big CPP replacement."

The environmentalist backs Goffman's views, and urges EPA to go beyond even what the Obama administration attempted. Commenting on the law review article, the source "didn't see anything to suggest that Goffman's outlook would lead to reversals in court. The Clean Air Act is a powerful statute, and Congress did not intend its protections to be frozen in 1970 or even 1990 [when Congress passed major revisions to the law]. The text of the statute makes clear Congress intended Clean Air Act protections to keep up with developments in science and technology." -- *Stuart Parker* ([sparker@iwpnews.com](mailto:sparker@iwpnews.com))

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 6:14:51 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** FW: BIO Letter to President Biden on Climate  
**Attachments:** 210122 BIO - Biden - Climate.pdf; BIO Fight Climate Through Innovation Dec 2020.pdf; BIO Global Leadership Dec 2020.pdf; 210120 Ag Association Regan EPA Support Letter FINAL.pdf; BIO Biden White Paper 2020.pdf

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**From:** Erick Lutt <elutt@bio.org>  
**Sent:** Monday, January 25, 2021 9:50 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** BIO Letter to President Biden on Climate

Hi Joe,  
Congratulations on your new role at EPA. I wanted to pass along a letter we delivered to President Biden on Friday, on actions the administration can take to address climate change by supporting biotechnology innovation.

This letter is similar to the attached issue brief that I believe my former colleague Stephanie Batchelor might have sent you during the transition period.

I also wanted to share a couple other documents that BIO has put together on how pioneering technology breakthroughs can reduce greenhouse gas emissions in manufacturing, transportation, and agricultural supply chains.

Finally, I wanted to include a letter BIO signed with other organizations in support of Michael Regan's nomination to be EPA's Administrator.

Please let me know how BIO can be helpful moving forward to advance policies to tackle greenhouse gas emissions.

All the best,  
Erick

**Erick Lutt**  
Senior Director  
Biotechnology Innovation Organization  
Mobile: 202.701.8153  
[elutt@bio.org](mailto:elutt@bio.org)

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Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/26/2021 3:30:18 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]; Millett, John [Millett.John@epa.gov]  
**Subject:** Test - OAR Message

Dear OAR Colleagues –

No one will enjoy a greater honor or privilege than the honor and privilege I now enjoy of returning to your side as your colleague. As some of you may recall, from 2009-2017, I served as OAR's Associate Assistant Administrator for Climate and Senior Counsel, which was the best experience of my career. Happy as I am to occupy a new role, now as OAR's Principal Deputy Assistant Administrator and current Acting Assistant Administrator, simply being back here with you all is what makes this return such a pleasure.

First, I would like to thank you all – and by “all” I mean every single person who works in OAR – for your service to the public and for your ongoing dedication and commitment to the mission of the Office of Air and Radiation and of the Environmental Protection Agency. No matter what your job here is, you have earned, and will continue to earn, the unending gratitude of our fellow Americans for the energy and care you devote to protecting the air we breathe, our health, and our quality of life. Of course, you are not here in quest of “thanks” and I’m pretty sure that when you look in the mirror you don’t see a hero, but you’re entitled both to the “thanks” and to seeing yourselves that way. You are certainly my heroes – every single one of you.

That’s not an exaggeration. This has been a difficult year for our country and the world. Since March, the pandemic has brought hard times, fear, and illness to our communities, friends and families. Many of you may have been touched in some way by the hardships and tragedies this year has brought and we are here as colleagues to support you however we can; virtually everyone has had to cope with challenges none of us imagined having to face a year ago.

From everything I’ve seen and heard, OAR employees’ resilience, ingenuity and perseverance has shone through, and that’s a tremendous source of comfort. Maintaining your characteristic commitment to our mission with the utmost professionalism while adapting to these tough times should give us all confidence that we can face the challenges, and harvest the opportunities, 2021 puts in our path and continue to deliver for the American people. After all, the OAR culture I knew when I was here last doubtless will propel us forward again: bringing out the best in each other and understanding that there is no success outside the success we all create and share in together.

In his note to all of us last week, EPA Chief of Staff Dan Utech introduced himself and members of the new leadership team who have arrived so far. He also called our attention to some of President Biden’s executive orders. One in particular strikes to the core of our mission at OAR. The [Executive Order on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis](#), says, “it is the policy of my Administration to listen to the science; to improve public health and protect our environment; to ensure access to clean air and water; to limit exposure to dangerous chemicals and pesticides; to hold polluters accountable, including those who disproportionately harm communities of color and low-income communities; to reduce greenhouse gas emissions; to bolster resilience to the impacts of climate change; ... and to prioritize ... environmental justice.” It’s as if President Biden were addressing EPA and OAR directly. Clearly, this is an amazing moment for us at OAR when our work will be even more vital and more highly valued in the coming months and years.

It is also my great pleasure to introduce Tomás Carbonell, who has joined the OAR leadership team as the Deputy Assistant Administrator for Stationary Sources. Tomás comes to EPA from the Environmental Defense Fund, where he was the Senior Counsel and Director of Regulatory Policy for that organization’s clean air program. From 2008-2012, Tomás was an Associate at Van Ness Feldman, LLP, where he counseled diverse clients on federal legal and regulatory matters related to climate change, clean energy, and environmental and electricity regulation. He has a J.D. from Yale

University, degrees in Environmental Change and Management and Development Economics from the University of Oxford, and bachelors' degrees in Chemical Engineering, Economics, and Multidisciplinary Studies from North Carolina State University. Please join me in welcoming Tomás, and please stay tuned for more introductions in the near future.

Very soon, via "Teams," we will have the chance to talk to and hear from each other directly as we get "all hands" meetings on the calendar with each of your offices. Please think about how you want to use that time to surface your concerns and share your suggestions for the best practices to continue or adopt in our work together going forward. A little later on we will also be engaging with the regions and states, the Office of General Counsel, the Office of Policy and other program offices as well as the public and our stakeholders.

Looking forward to connecting face-to-face

Thank you all very much for being here.

Stay safe and take care of yourselves and each other.

All best,  
Joe

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/22/2021 6:33:53 PM  
**To:** Utech, Dan [Utech.Dan@epa.gov]; Arroyo, Victoria [Arroyo.Victoria@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Cassady, Alison [Cassady.Alison@epa.gov]; Nishida, Jane [Nishida.Jane@epa.gov]  
**Subject:** FW: EO Spreadsheet  
**Attachments:** OAR Response to EO Action Review.xlsx

Still a work in progress. Thanks.

---

**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Friday, January 22, 2021 12:57 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Cc:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Subject:** EO Spreadsheet

Joe, I recall you mentioning you had a 1p check-in with the COS on the EOs. Attached is an updated spreadsheet with the added column based on our discussion this morning, if needed.

Please let me know if you need anything else. Thank you.

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/28/2021 3:58:07 PM  
**To:** Slade, Reginald [Slade.Reginald@epa.gov]  
**Subject:** RE: Message from Joe Goffman, Acting Assistant Administrator for OAR

Hi, Reggie. Thanks! Great to be back.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Slade, Reginald <Slade.Reginald@epa.gov>  
**Sent:** Thursday, January 28, 2021 9:37 AM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** RE: Message from Joe Goffman, Acting Assistant Administrator for OAR

Hello Joe,

We missed you and welcome back!

Reginald Slade  
IT Senior Leader/IMO  
Program Management Operations/OAR  
202 564-1346

*"Management is doing things right; leadership is doing the right things."--Peter F. Drucker*

---

**From:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Sent:** Tuesday, January 26, 2021 10:35 AM  
**To:** OAR-WIDE-EVERYONE <OARWIDEEVERYONE@epa.gov>  
**Subject:** Message from Joe Goffman, Acting Assistant Administrator for OAR

Dear OAR Colleagues –

No one will enjoy a greater honor or privilege than the honor and privilege I now enjoy of returning to your side as your colleague. As some of you may recall, from 2009-2017, I served as OAR's Associate Assistant Administrator for Climate and Senior Counsel, which was the best experience of my career. Happy as I am to occupy a new role, now as OAR's Principal Deputy Assistant Administrator and current Acting Assistant Administrator, simply being back here with you all is what makes this return such a pleasure.

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Very soon, via "Teams," we will have the chance to talk to and hear from each other directly as we get "all hands" meetings on the calendar with each of your offices. Please think about how you want to use that time to surface your concerns and share your suggestions for the best practices to continue or adopt in our work together going forward. A little later on we will also be engaging with the regions and states, the Office of General Counsel, the Office of Policy and other program offices as well as the public and our stakeholders.

Looking forward to connecting face-to-face

Thank you all very much for being here.

Stay safe and take care of yourselves and each other.

All best,  
Joe

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency



## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/26/2021 9:00:40 PM  
**To:** Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Doniger, David [ddoniger@nrdc.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]  
**Subject:** Meeting with David Doniger (Climate and Clean Energy Program) re: Power Plant Plans & CBD NAAQS Petition  
**Location:** Microsoft Teams Meeting  
**Start:** 1/26/2021 8:00:00 PM  
**End:** 1/26/2021 8:30:00 PM  
**Show Time As:** Tentative

**Required Attendees:** Mike Koerber (Koerber.Mike@epa.gov); Doniger, David; Carbonell, Tomas; Tsirigotis, Peter

---

## Microsoft Teams meeting

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Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/12/2021 2:32:28 AM  
**To:** Cassady, Alison [Cassady.Alison@epa.gov]  
**CC:** Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]  
**Subject:** Climate Principals -- OAR Milestones and Actions  
**Attachments:** 2021-3-10 EPA Significant Milestones Annoucements Re Climate\_OAR.docx; 2021-3-10 EPA Potential Executive Actions Re Climate\_OAR.docx

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

**Potential Executive Actions Re Climate | Proposed List: Environmental Protection Agency**

**This list represents likely actions through May 2021.**

Proposed Executive Action I

|                                                                                      |                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency Proposing</b>                                                              | <b>Environmental Protection Agency</b>                                                                                                                                                                                                                                         |
| <b>Other Agencies Implicated</b>                                                     |                                                                                                                                                                                                                                                                                |
| <b>Please Describe if the Action Requires New Legislation, Budget, or Rulemaking</b> | Under the American Innovation and Manufacturing (AIM) Act, EPA must do a rulemaking to phase down hydrofluorocarbons and stand up the licensing and allocation system. EPA will propose a rule this spring and, as statutorily required, finalize the rule by October 1, 2021. |
| <b>Status Quo (If Action Not Taken)</b>                                              |                                                                                                                                                                                                                                                                                |
| <b>Challenges / Risks Associated with Taking Action</b>                              |                                                                                                                                                                                                                                                                                |
| <b>Potential Impact of Proposed Action</b>                                           | The AIM Act will cut U.S. production and use of HFCs by 85 percent over the next 15 years.                                                                                                                                                                                     |
| <b>Timeline to Develop and Announce</b>                                              | EPA will issue a proposed rule in April.                                                                                                                                                                                                                                       |
| <b>Likely Stakeholder Reactions</b>                                                  | The AIM Act was bipartisan legislation passed with the support of industry and environmental groups.                                                                                                                                                                           |
| <b>Other Notes / Flags</b>                                                           |                                                                                                                                                                                                                                                                                |

Proposed Executive Action II

|                                                                                      |                                                                                                                                                                              |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency Proposing</b>                                                              | <b>Environmental Protection Agency</b>                                                                                                                                       |
| <b>Other Agencies Implicated</b>                                                     | <b>Department of Transportation</b>                                                                                                                                          |
| <b>Please Describe if the Action Requires New Legislation, Budget, or Rulemaking</b> | EPA will reverse the Trump administration's decision to withdraw the waiver of Clean Air Act section 209 preemption of the State of California's Advanced Clean Car program. |
| <b>Status Quo (If Action Not Taken)</b>                                              |                                                                                                                                                                              |
| <b>Challenges / Risks Associated with Taking Action</b>                              | This announcement is part of a broader set of negotiations and discussions with automakers, workers, and other stakeholders.                                                 |
| <b>Potential Impact of Proposed Action</b>                                           | California will retain its established authority to issue its own emission standards and other emission-related requirements for new motor vehicles and engines.             |
| <b>Timeline to Develop and Announce</b>                                              | Executive Order 13990 specifies that EPA must make this decision by April 2021.                                                                                              |

|                                     |                                                                                                                              |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Likely Stakeholder Reactions</b> | This announcement is part of a broader set of negotiations and discussions with automakers, workers, and other stakeholders. |
| <b>Other Notes / Flags</b>          |                                                                                                                              |

Proposed Executive Action III

|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency Proposing</b>                                                              | <b>Environmental Protection Agency</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Other Agencies Implicated</b>                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Please Describe if the Action Requires New Legislation, Budget, or Rulemaking</b> | On March 15, EPA finalized revisions to the Cross-State Air Pollution Rule (CSAPR) Update to help areas affected by pollution emitted by power plants in other states meet the 2008 national ambient air quality standards (NAAQS) for ground-level ozone, commonly referred to as smog. In September 2019, the D.C. Circuit remanded the CSAPR Update to the extent that it did not eliminate upwind states' significant contribution to nonattainment or interference with maintenance of the 2008 ozone NAAQS. EPA was placed on a subsequent court-ordered deadline of March 15, 2021 to sign a notice of final rulemaking that is responsive to the remand of the CSAPR Update. |
| <b>Status Quo (If Action Not Taken)</b>                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Challenges / Risks Associated with Taking Action</b>                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Potential Impact of Proposed Action</b>                                           | EPA estimates that the Revised CSAPR Update will reduce NO <sub>x</sub> emissions from power plants in 12 states in the eastern United States by 301,000 tons over the 2021-2040 time frame compared to projections without the rule, a reduction of 15%. CO <sub>2</sub> emissions from power plants in the 12 states are estimated to decrease by 100 million metric tons, or 1%, over the 2021-2040 period.                                                                                                                                                                                                                                                                       |
| <b>Timeline to Develop and Announce</b>                                              | EPA was placed on a subsequent court-ordered deadline of March 15, 2021 to sign a notice of final rulemaking that is responsive to the remand of the CSAPR Update.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Likely Stakeholder Reactions</b>                                                  | There will likely be further litigation on this issue in anticipation of EPA action on the 2015 ozone NAAQS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Other Notes / Flags</b>                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Proposed Executive Action IV

|                                                                                      |                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency Proposing</b>                                                              | <b>Environmental Protection Agency</b>                                                                                                                                                                                                                                                                                   |
| <b>Other Agencies Implicated</b>                                                     |                                                                                                                                                                                                                                                                                                                          |
| <b>Please Describe if the Action Requires New Legislation, Budget, or Rulemaking</b> | On February 2, 2021, EPA sent letters to petitioners committing to take final action on a proposed Federal Plan by May 2021 to reduce landfill gas emissions from Municipal Solid Waste (MSW) facilities. This commitment follows extensive multi-jurisdictional litigation regarding the deadline for the Federal Plan. |
| <b>Status Quo (If Action Not Taken)</b>                                              | States who have not submitted approvable State Plans under federal emissions guidelines will not have in place regulations to reduce landfill gas emissions. This will result in fewer emission reductions.                                                                                                              |
| <b>Challenges / Risks Associated with Taking Action</b>                              |                                                                                                                                                                                                                                                                                                                          |
| <b>Potential Impact of Proposed Action</b>                                           | Puts in place Federal Plans for 40 States that currently do not currently have regulations for landfills based on the most recent emission guidelines.                                                                                                                                                                   |
| <b>Timeline to Develop and Announce</b>                                              | EPA has committed to propose action on the proposed federal plan by May 2021                                                                                                                                                                                                                                             |
| <b>Likely Stakeholder Reactions</b>                                                  | Environmental Groups and Environmental Justice Organizations will favor the actions.                                                                                                                                                                                                                                     |
| <b>Other Notes / Flags</b>                                                           |                                                                                                                                                                                                                                                                                                                          |



Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/27/2021 5:59:18 PM  
**To:** Joseph Goffman [joegoffman@gmail.com]  
**Subject:** FW: OAQPS all-hands Talking points and 2020 haiku  
**Attachments:** OAQPS 2020 Year in Review Haiku - 22 winners.pptx; 2021-January OAQPS All Hands themes and talking points v3.docx

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Millett, John <Millett.John@epa.gov>  
**Sent:** Monday, January 25, 2021 6:14 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Cc:** Koerber, Mike <Koerber.Mike@epa.gov>; Noonan, Jenny <Noonan.Jenny@epa.gov>; DeLuca, Isabel <DeLuca.Isabel@epa.gov>; Senter, Stephen <Senter.Stephen@epa.gov>; Shaw, Betsy <Shaw.Betsy@epa.gov>; Campbell, Ann <Campbell.Ann@epa.gov>  
**Subject:** OAQPS all-hands Talking points and 2020 haiku

Hi All – Talkers for Wednesday’s OAQPS all hands attached. Thanks to Jenny, Isabel and Mike for teeing these up so fast and so well. The haikus are really great, but I hope we don’t start getting limericks from OTAQ. Would they write them in iambic dynamometer?

~~~~~

John Millett  
Director, OAR Communications  
Desk: 202-564-2903  
Cell: 202-510-1822

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/12/2021 2:08:01 AM  
**To:** Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]  
**Subject:** 2021-3-10 EPA Significant Milestones Annoucements Re Climate\_OAR.docx  
**Attachments:** 2021-3-10 EPA Significant Milestones Annoucements Re Climate\_OAR.docx

Who is Secretary Jones? Are we supposed to include the items in italics even though they don't look like EPA items, or should I delete them? Thanks.

## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 4:16:05 PM  
**To:** Tejada, Matthew [Tejada.Matthew@epa.gov]  
**Subject:** Accepted: Check in on EJ/Climate  
**Location:** Microsoft Teams Meeting  
**Start:** 1/29/2021 8:00:00 PM  
**End:** 1/29/2021 8:30:00 PM  
**Recurrence:** (none)

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/29/2021 2:25:09 AM  
**To:** Enobakhare, Rosemary [Enobakhare.Rosemary@epa.gov]  
**Subject:** FW: CEO Climate Dialogue

In case of interest...

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Rachel Miller <rmiller@forbes-tate.com>  
**Sent:** Thursday, January 28, 2021 6:35 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** CEO Climate Dialogue

Hi! As I think we discussed, I wanted to let you know that we have started working with the CEO Climate Dialogue, a group of 22 companies and 4 environmental groups representing every sector of the US economy—oil and gas, utilities, agriculture and food, automotive, manufacturing, and financial services trying to move climate legislation forward. They are centered around 6 governing principles, which can be found here: <https://www.ceoclimatedialogue.org/guiding-principles>.

I know the April 22 event is really internationally focused, and also that EPA is not running the show. But if there's going to be a domestic piece of this, this group is at the ready to help out...

And since I don't have email addresses for anyone, I'm starting with you....

Hope you're hanging in and staying safe 😊

Rachel

Rachel Miller  
Forbes Tate Partners  
202-641-3046

## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/22/2021 3:14:00 PM  
**To:** Hoffer, Melissa [Hoffer.Melissa@epa.gov]  
**Subject:** Accepted: Methane CRA/DC Circuit ACE  
**Location:** Microsoft Teams Meeting  
**Start:** 1/22/2021 8:00:00 PM  
**End:** 1/22/2021 8:30:00 PM  
**Show Time As:** Busy

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/21/2021 6:06:10 PM  
**To:** Moss, Jacob [Moss.Jacob@epa.gov]  
**Subject:** RE: welcome back! eom

Thanks. Ecstatic.

---

**From:** Moss, Jacob <Moss.Jacob@epa.gov>  
**Sent:** Thursday, January 21, 2021 1:05 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** welcome back! eom

Jacob E. Moss | Deputy Director, Climate Protection Partnerships Division, U.S. EPA | [moss.jacob@epa.gov](mailto:moss.jacob@epa.gov) | o: 202 343 9906 | c: 202 236 8122

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/25/2021 3:40:59 PM  
**To:** Millett, John [Millett.John@epa.gov]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]  
**Subject:** Greeting note - JG Draft  
**Attachments:** OAR arrival note.docx

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/22/2021 2:10:01 PM  
**To:** Utech, Dan [Utech.Dan@epa.gov]; Adhar, Radha [Adhar.Radha@epa.gov]; Cassady, Alison [Cassady.Alison@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** Fwd: CH4 CRA

Sent from my iPhone

Begin forwarded message:

**From:** Conrad Schneider <cschneider@catf.us>  
**Date:** January 22, 2021 at 8:59:37 AM EST  
**To:** "Goffman, Joseph" <Goffman.Joseph@epa.gov>  
**Subject:** Re: CH4 CRA

Hi Joe-

So, it's a little complicated. But, the Methane Partners Campaign (the Steering Committee of which includes EDF, NRDC, Sierra Club, EarthJustice, EarthWorks, ALA, BGA, Green Latinos, and CATF) voted last night to tell the Schumers that we would support a CRA: (a) if there are sufficient votes to win it; and (b) that we clearly communicate that the CRA should not lead to mere reinstatement of the Obama CH4 regulation with promulgation of a commensurate 111(d) standard, but build support a more comprehensive standard (as we have discussed).

Technically, 50+1 on the resolution is a "win", but there is some disagreement about whether that vote tally would be perceived as a show of strength or weakness and how helpful or not helpful that would be to the Administration in moving forward a strong CH4 rule. There is concern about the CRA bumping Senate floor time for other matters (e.g., noms) as the clock is already ticking on this CRA and it would come up sooner than some of the other rules that are candidates for CRA treatments (e.g., Censored Science, Cost-Benefit, Once in Always In).

Yesterday's announcement by API played into the groups' thinking as well — positive and negative - positive in the sense that it probably makes a successful vote more likely, negative in terms of the fear that API is attempting to engage with the Administration to avoid a stronger CH4 rule. No one in the group is predicting that API's announcement will move Rs to support the resolution.

If the CRA moves forward, the groups will lean into it, but we are in the process of building back our capacity to the level we had during your last turn at EPA.

The latest intel from the Schumers we have is that their perception is that the environmental community is converging around support (last night's MPC vote would be some evidence of that). They have around a dozen potential CRA candidate regs across the USG that they are considering. The top four in the EPA space are: Science, Cost-Benefit, Once In/Always In, and CH4, probably in that order or priority, although they are on different CRA clocks.

I guess the only other relevant intel I have is that EPW majority staff (it feels great to be able to type those words) does not support the CRA, but our understanding is that Carper likely will follow the leader if it moves. Might be good to confirm their views on it.

Hope this is useful. Welcome back!

Thanks,  
CS



**Conrad Schneider**  
*Advocacy Director*

Clean Air Task Force  
8 Museum Way  
Brunswick, ME 04011

P: 207.721.8676 | C: 207.841.3920

[CATF.US](http://CATF.US)

On Jan 22, 2021, at 8:20 AM, Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)> wrote:

Hi, Conrad. Thanks for this. Definitely on our radar. What are you all telling Team Schumer?

---

**From:** Conrad Schneider <[cschneider@catf.us](mailto:cschneider@catf.us)>  
**Sent:** Friday, January 22, 2021 7:58 AM  
**To:** Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)>; Joe Goffman <[Joegoffman@aol.com](mailto:Joegoffman@aol.com)>  
**Subject:** CH4 CRA

Hi Joe-  
Congrats on yesterday's announcement! Hoping your old EPA email address is working as your ART email is no longer functioning. I don't know how you are feeling about a CRA on the Trump CH4 deregulation rule. But, if you and/or others in the Administration have concerns/views, we're hearing that this would be the time to express them to the Schumers. You may be aware, but the train is about to leave the station and, for better or worse, it is going to have implications for new EPA CH4 rules. At a minimum, it seems like a good place for early Admin <-> Congressional communication and coordination.

All the best,

CS



**Conrad Schneider**

*Advocacy Director*

Clean Air Task Force

8 Museum Way

Brunswick, ME 04011

**P:** 207.721.8676 | **C:** 207.841.3920

[CATF.US](http://CATF.US)

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/21/2021 5:08:52 PM  
**To:** Just, Robin L [rjust@law.harvard.edu]  
**Subject:** RE: Draft Announcement

Of course. As I said, you and your team are at the core of EELP.

Thanks for handling this.

---

**From:** Just, Robin L <rjust@law.harvard.edu>  
**Sent:** Thursday, January 21, 2021 12:06 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** Re: Draft Announcement

This is perfect! Thank you so much for including your comms team in there, what a thoughtful move.

I'll get our post/tweet all teed up for the big EPA reveal. I'll let Jody know this is coming, but won't share it with her or anyone else until it's official.

---

**From:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Sent:** Thursday, January 21, 2021 12:04 PM  
**To:** Just, Robin L <rjust@law.harvard.edu>  
**Subject:** RE: Draft Announcement

Shortened it a bit, just FYI. Will let you know when this goes live on the EPA website, etc. Thanks.

### Joseph Goffman, Principal Deputy Assistant Administrator, Office of Air and Radiation

Joe Goffman returns to EPA after serving from 2009 – 2017 as the Associate Assistant Administrator for Climate and Senior Counsel in the Office of Air and Radiation, where he provided policy and legal counsel on a wide range of climate policy and Clean Air Act regulatory and implementation issues and rulemakings. Since 2017 he has served as the Executive Director of the Environmental and Energy Law Program at Harvard Law School where he led a team of attorneys and communications specialists providing information and analysis to stakeholders, government decision makers and the media, and offering innovative responses on emerging issues in the areas of federal, state and municipal energy and electricity law and environmental and administrative law as well as in selected areas of corporate law. Joe also worked on the U.S. Senate Committee on Environment and Public Works as the Democratic Chief Counsel and Majority Senior Counsel. He holds B.A. and J.D. degrees from Yale University.

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**From:** Goffman, Joseph  
**Sent:** Thursday, January 21, 2021 11:56 AM  
**To:** Just, Robin L <rjust@law.harvard.edu>  
**Subject:** Draft Announcement

**Joseph Goffman, Principal Deputy Assistant Administrator, Office of Air and Radiation**

Joe Goffman returns to EPA after serving from 2009 – 2017 as the Associate Assistant Administrator for Climate in the Office of Air and Radiation, providing policy and legal counsel on a wide range of climate policy and Clean Air Act regulatory and implementation issues and rulemakings and their legal defense in federal court. Since 2017 he has served as the Executive Director of the Environmental and Energy Law Program at Harvard Law School where he led and managed a team of legal researchers and communications specialists focusing on developing and disseminating information to stakeholders, government decision makers and the media, innovative responses to emerging issues in the areas of federal, state and municipal energy and electricity law and environmental and administrative law as well as in selected areas of corporate law. Joe also worked in the U.S. Senate, Committee on Environment and Public Works as the Democratic Chief Counsel and Majority Senior Counsel. He holds B.A. and J.D. degrees from Yale University.

Message

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/29/2021 2:11:50 AM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** RE: READING: Calendar & Materials January 29, 2021

Deliverance! Thank you! Please serve this up every afternoon/evening. It will be immensely, immensely helpful if Tomas, Deputy AA #2, and I can count on receiving every day one, single email from you (or someone you designate) with all of the read-ahead materials in one place. It will be life-changing. Thanks, again.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

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**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Thursday, January 28, 2021 8:51 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** READING: Calendar & Materials January 29, 2021

Joe, attached are the materials I have received for tomorrow's meetings. Let me know if this helps. And let me know if you need anything else.







---

Goffman, Joseph Calendar  
[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)  
On Friday, January 29, 2021  
Time zone: (UTC-05:00) Eastern Time (US & Canada)  
(Adjusted for Daylight Saving Time)

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January 2021  
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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

 Busy  
 Tentative  
 Free  
 Out of Office  
 Working Elsewhere  
 Outside of Working Hours

January 2021

▲ Fri, Jan 29

	<b>Before 8:00 AM</b>	<b>Free</b>
	<b>8:00 AM – 8:30 AM</b>	<b>Free</b>
	8:30 AM – 9:00 AM	Check-In
	9:00 AM – 9:30 AM	Air Issues Meeting
	9:30 AM – 10:00 AM	Landfill CH4
	10:00 AM – 10:30 AM	Management Round Table
	10:30 AM – 11:00 AM	OAR/ARLO Discussion
	11:00 AM – 11:45 AM	AIM Act – NODA (Materials attached)
	<b>11:45 AM – 12:00 PM</b>	<b>Free</b>
	12:00 PM – 12:30 PM	One-on-One with Sarah Dunham
	12:30 PM – 1:00 PM	One-on-One with Jon Edwards
	1:00 PM – 2:00 PM	Overview of Key OAQPS Priority Topics (Materials attached)
	2:00 PM – 2:45 PM	Appointees IT Training (Option 1)
	<b>2:45 PM – 3:00 PM</b>	<b>Free</b>
	3:00 PM – 4:00 PM	Briefing: PFAS Hot Issues (Materials attached)
	4:00 PM – 4:30 PM	Introductory Video-Call: Michael Regan and Joe Goffman (We provided your bio at Kathleen Lance's request)
	4:30 PM – 5:00 PM	To Discuss CRA
	5:00 PM – 5:30 PM	Check-In
	5:30 PM – 6:00 PM	Cars Working Group
	<b>After 6:00 PM</b>	<b>Free</b>

---

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/12/2021 1:03:51 AM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**CC:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Re: Meeting request: Environmental Justice and St. Croix/Limetree Refinery

Yes. Let's make it our business to do so. This feels like an R2 matter; we need to consult with them and the plan they submitted, at least.

Sent from my iPhone

On Mar 11, 2021, at 5:41 PM, Carbonell, Tomas <Carbonell.Tomas@epa.gov> wrote:

Hi Delaney, please see the meeting request below from the St. Croix Environmental Association. Perhaps we can touch base on this tomorrow in Management Roundtable. Best, Tomás

---

**From:** Elizabeth Neville <elizabeth@neville.com>  
**Sent:** Thursday, March 11, 2021 5:39 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Minter, Marsha <Minter.Marsha@epa.gov>; Carroll, Thomas <Carroll.Thomas@epa.gov>; Tsirigotis, Peter <Tsirigotis.Peter@epa.gov>; Matthias.Scott@epa.gov; Lewis, Josh <Lewis.Josh@epa.gov>; Heather Croshaw <heather.croshaw@gmail.com>; Jennifer Valiulis <jennifer.valiulis@gmail.com>  
**Subject:** Meeting request: Environmental Justice and St. Croix/Limetree Refinery  
**Importance:** High

Good afternoon,

My name is Elizabeth Neville, and I am representing the St. Croix Environmental Association and our partners in appealing the Plantwide Applicability Limit air pollution permit issued to Limetree Bay Refinery on St. Croix before the Environmental Appeals Board (appeal no. CAA 20-02). Some of the concerns in our appeal include the extremely high pollution levels allowed for the refinery operations and inadequate consideration of our island's acute environmental justice needs. Already, there have been several worrisome incidents at the refinery in recent months, including a flare that caused a nearby neighborhood to be sprayed with oil droplets. This incident and related community concerns are discussed in this recent article by Laura Sanicola from Reuters: **Far from White House, Caribbean refinery to test Biden's promises on poverty and pollution**,

<https://www.reuters.com/article/us-usa-caribbean-refinery-environment-in/far-from-white-house-caribbean-refinery-to-test-bidens-promises-on-poverty-and-pollution-idUSKBN2B00DA>.

We are pleased by the Biden Administration's commitment to Environmental Justice and

Climate Change initiatives, and its plans to review actions by the Trump Administration that are not in line with this commitment. We are hopeful that EPA will accordingly take action to support an EJ community like ours on St. Croix; we have greatly suffered from past pollution violations caused by Limetree's predecessor, Hovensa, and we are still recovering from two category five hurricanes in 2017.

In light of this commitment, we respectfully request the opportunity to meet with you over Zoom to discuss the concerns of the St. Croix community around the startup of the Limetree Bay Refinery. **For clarity: we are not requesting this meeting to discuss the pending EAB petition but simply to introduce ourselves, discuss some relevant St. Croix community concerns, and to learn more about your agency's commitment to Environmental Justice.** Are you available next week (3/15 - 3/19)? If so, we expect this meeting will be an hour or less and we would plan to bring about six to eight people. If you agree, we will follow your preferred protocol for our Zoom meeting.

Thank you very much for your time and consideration. Please do not hesitate to reach out with any questions. I look forward to hearing from you.

Kind regards,  
Elizabeth Neville

Elizabeth Leigh Neville

Attorney at Law

The Neville Law Firm, LLC

(407) 765-2800

[Elizabeth@Neville.com](mailto:Elizabeth@Neville.com)

Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 1/26/2021 12:09:39 AM  
**To:** Millett, John [Millett.John@epa.gov]  
**CC:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]  
**Subject:** Greeting to OAR Staff -- near final draft  
**Attachments:** OAR arrival note 1-25 jg CLEAN.docx

Thanks, again, John, Ann, and Betsy for your suggestions and edits, and to John for his drafting prowess. I made a few additional changes, but didn't add much to the length I don't think. John – if you could give it one more once-over and get into final shape that would be great and then let's put it out.

Thanks.

Message

---

**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/15/2021 12:15:06 PM  
**To:** Mugdan, Walter [Mugdan.Walter@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**CC:** Mathias, Scott [Mathias.Scott@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Schaaf, Eric [Schaaf.Eric@epa.gov]; Ruvo, Richard [Ruvo.Richard@epa.gov]; Mears, Mary [Mears.Mary@epa.gov]; Williamson, Anahita [Williamson.Anahita@epa.gov]  
**Subject:** RE: Meeting request: Environmental Justice and St. Croix/Limetree Refinery

Hi, Walter. Thanks very much for this response and the sound advice.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Mugdan, Walter <Mugdan.Walter@epa.gov>  
**Sent:** Friday, March 12, 2021 5:33 PM  
**To:** Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Cc:** Mathias, Scott <Mathias.Scott@epa.gov>; Tsirigotis, Peter <Tsirigotis.Peter@epa.gov>; Lewis, Josh <Lewis.Josh@epa.gov>; Schaaf, Eric <Schaaf.Eric@epa.gov>; Ruvo, Richard <Ruvo.Richard@epa.gov>; Mears, Mary <Mears.Mary@epa.gov>; Williamson, Anahita <Williamson.Anahita@epa.gov>  
**Subject:** RE: Meeting request: Environmental Justice and St. Croix/Limetree Refinery

Dear Tomás,

Thanks for your note posing several questions about this meeting request, and I apologize for my delay in getting back to you. Here are our responses:

## Ex. 5 Deliberative Process (DP)

Regards,

Walter

Walter Mugdan  
Acting Regional Administrator

---

**From:** Carbonell, Tomas <[Carbonell.Tomas@epa.gov](mailto:Carbonell.Tomas@epa.gov)>  
**Sent:** Friday, March 12, 2021 11:56 AM  
**To:** Mugdan, Walter <[Mugdan.Walter@epa.gov](mailto:Mugdan.Walter@epa.gov)>; Schaaf, Eric <[Schaaf.Eric@epa.gov](mailto:Schaaf.Eric@epa.gov)>; Mathias, Scott <[Mathias.Scott@epa.gov](mailto:Mathias.Scott@epa.gov)>; Tsirigotis, Peter <[Tsirigotis.Peter@epa.gov](mailto:Tsirigotis.Peter@epa.gov)>; Lewis, Josh <[Lewis.Josh@epa.gov](mailto:Lewis.Josh@epa.gov)>  
**Cc:** Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)>  
**Subject:** FW: Meeting request: Environmental Justice and St. Croix/Limetree Refinery  
**Importance:** High

Dear all –

Please see the request below submitted by Elizabeth Neville, on behalf of the St. Croix Environmental Association, for a meeting on the Limetree Bay refinery. Can you please let us know whether Region 2 or OAQPS staff have recently met with this stakeholder, and advise us on whether the OAR political team should take this meeting? Thanks,

Tomás

---

**From:** Elizabeth Neville <[elizabeth@neville.com](mailto:elizabeth@neville.com)>  
**Sent:** Thursday, March 11, 2021 5:39 PM  
**To:** Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)>; Carbonell, Tomas <[Carbonell.Tomas@epa.gov](mailto:Carbonell.Tomas@epa.gov)>; Minter, Marsha <[Minter.Marsha@epa.gov](mailto:Minter.Marsha@epa.gov)>; Carroll, Thomas <[Carroll.Thomas@epa.gov](mailto:Carroll.Thomas@epa.gov)>; Tsirigotis, Peter <[Tsirigotis.Peter@epa.gov](mailto:Tsirigotis.Peter@epa.gov)>; Matthias.Scott@epa.gov; Lewis, Josh <[Lewis.Josh@epa.gov](mailto:Lewis.Josh@epa.gov)>; Heather Croshaw <[heather.croshaw@gmail.com](mailto:heather.croshaw@gmail.com)>; Jennifer Valiulis <[jennifer.valiulis@gmail.com](mailto:jennifer.valiulis@gmail.com)>  
**Subject:** Meeting request: Environmental Justice and St. Croix/Limetree Refinery  
**Importance:** High

Good afternoon,

My name is Elizabeth Neville, and I am representing the St. Croix Environmental Association and our partners in appealing the Plantwide Applicability Limit air pollution permit issued to Limetree Bay Refinery on St. Croix before the Environmental Appeals Board (appeal no. CAA 20-02). Some of the concerns in our appeal include the extremely high pollution levels allowed for the refinery operations and inadequate consideration of our island's acute environmental justice needs. Already, there have been several worrisome incidents at the refinery in recent months, including a flare that caused a nearby neighborhood to be sprayed with oil droplets. This incident and related community concerns are discussed in this recent article by Laura Sanicola from Reuters: **Far from White House, Caribbean refinery to test Biden's promises on poverty and pollution,**

<https://www.reuters.com/article/us-usa-caribbean-refinery-environment-in/far-from-white-house-caribbean-refinery-to-test-bidens-promises-on-poverty-and-pollution-idUSKBN2B00DA>.

We are pleased by the Biden Administration's commitment to Environmental Justice and Climate Change initiatives, and its plans to review actions by the Trump Administration that are not in line with this commitment. We are hopeful that EPA will accordingly take action to support an EJ community like ours on St. Croix; we have greatly suffered from past pollution violations caused by Limetree's predecessor, Hovensa, and we are still recovering from two category five hurricanes in 2017.

In light of this commitment, we respectfully request the opportunity to meet with you over Zoom to discuss the concerns of the St. Croix community around the startup of the Limetree Bay Refinery. **For clarity: we are not requesting this meeting to discuss the pending EAB petition but simply to introduce ourselves, discuss some relevant St. Croix community concerns, and to learn more about your agency's commitment to Environmental Justice.** Are you available next week (3/15 - 3/19)? If so, we expect this meeting will be an hour or less and we would plan to bring about six to eight people. If you agree, we will follow your preferred protocol for our Zoom meeting.

Thank you very much for your time and consideration. Please do not hesitate to reach out with any questions. I look forward to hearing from you.

Kind regards,  
Elizabeth Neville

Elizabeth Leigh Neville

Attorney at Law

The Neville Law Firm, LLC

(407) 765-2800

[Elizabeth@Neville.com](mailto:Elizabeth@Neville.com)

## Appointment

---

**From:** Matney, Rachel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bea4f49a79c44d47b1672554e9068296-Matney, Rac]  
**Sent:** 3/11/2021 5:48:44 PM  
**To:** Frey, Christopher [Frey.Christopher@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** General Chris F/Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 3/15/2021 6:45:00 PM  
**End:** 3/15/2021 7:00:00 PM  
**Show Time As:** Free

**Required Attendees:** Goffman, Joseph

Quick 15 minute discussion for your thoughts on implications of American Rescue Plan for ORD, if any, and to also share some thinking about where ORD would like to support some research at the intersection of air, climate, and EJ.

---

## Microsoft Teams meeting

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---

**From:** EPA Press Office [noreply\_subscriptions@epa.gov]  
**Sent:** 3/11/2021 7:45:42 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** Michael S. Regan Sworn in as 16th EPA Administrator



U.S. ENVIRONMENTAL PROTECTION AGENCY  
**NEWS RELEASE**  
WWW.EPA.GOV/NEWSROOM

---

CONTACT: [press@epa.gov](mailto:press@epa.gov)

## Michael S. Regan Sworn in as 16th EPA Administrator

**WASHINGTON (March 11, 2021)** — Michael S. Regan was sworn in as the 16<sup>th</sup> Administrator of the U.S. Environmental Protection Agency (EPA) today. On his first day, Administrator Regan committed to working closely with and supporting EPA's dedicated career public servants, restoring the role of science and transparency, addressing climate change, and prioritizing environmental justice. Administrator Regan is the first Black man and the second person of color to lead the U.S. EPA.

"I'm grateful to President Biden for entrusting me to lead the U.S. Environmental Protection Agency at this critical moment in our country's history," **said Administrator Michael Regan**. "EPA's career officials are the backbone of this agency, and I am humbled to work alongside them as we confront climate change, stand up for justice and equity, and ensure science is at the heart of our decision-making. We will prove that environmental protection and economic prosperity go hand in hand – and we will seize this opportunity to create a healthier, more just future for all."

Administrator Regan returns to EPA after starting his career at the agency, rising to the role of national program manager responsible for designing strategic solutions with industry and corporate stakeholders to reduce air pollution, improve energy efficiency and address climate change.

Prior to his nomination as EPA Administrator, Michael Regan served as the Secretary of the North Carolina Department of Environmental Quality (DEQ).

As Secretary, he spearheaded the development and implementation of North Carolina's seminal plan to address climate change and transition the state to a clean energy economy. Under his leadership, he secured the largest coal ash clean-up in United States history. He led complex negotiations regarding the clean-up of the Cape Fear River, which had been contaminated for years by the toxic chemicals per- and polyfluoroalkyl substance (PFAS). In addition, he established North

Carolina's first-of-its-kind Environmental Justice and Equity Advisory board to better align social inequities, environmental protection, and community empowerment.

Regan is a native of Goldsboro, North Carolina, where he developed a passion for the environment while hunting and fishing with his father and grandfather, and exploring the vast lands, waters and inner Coastal Plain of North Carolina. He is a graduate of the North Carolina Agricultural & Technical State University, making him the first EPA Administrator to have graduated from a Historically Black College and University. He earned a master's degree in Public Administration from The George Washington University.

He and his wife Melvina are proud parents to their son, Matthew.

You can follow Administrator Regan on Twitter at [@EPAMichaelRegan](https://twitter.com/EPAMichaelRegan)



[epa.gov](https://www.epa.gov)

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Environmental Protection Agency, 1200 Pennsylvania Avenue NW, Washington, DC 20460 United States

**From:** Lem Smith, API [lem\_smith\_api@api.org]  
**Sent:** 3/3/2021 5:02:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** API, Historically Black Colleges and Universities Partner on Access to Industry Standards

[Click to view this email in a browser](#)



---

## The Natural Gas and Oil Industry

API, Historically Black Colleges and Universities Partner on Access to Industry Standards

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Dear Joseph,

The natural gas and oil industry is preparing for the future by investing in the next generation of engineers, scientists and problem solvers. We're committed to attracting and retaining a diverse, inclusive and resilient workforce of men and women ready to tackle the world's energy and climate challenges.

Expanding access to educational opportunities is essential in this endeavor.

To this end, the American Petroleum Institute (API) and the Louisiana Mid-Continent Oil & Gas Association (LMOGA) are excited to announce two new additions to the industry's Minority Serving Institution (MSI) initiative. Late last month, we welcomed Southern University and A&M College and Grambling State University – joining Prairie View A&M University – as participants in this program, which provides access to API's best-in-class standards for free to students at Historically Black Colleges and Universities (HBCUs) and other MSIs.

API is working to expand the program nationwide. We welcome your outreach regarding the inclusion of additional MSIs in this endeavor.

The initiative promotes diversity, equity and inclusion in the industry's workforce by offering API's standards catalog, including over 700 standards which advance safety and sustainability in industry operations, to accredited MSIs of higher learning. This effort supports the broader industry's commitment to employer and supply chain diversity, and it has received strong endorsements from Louisiana state lawmakers.

State Senator Ed Price (D-District 2) and State Representative Ken Brass (D-District 58), both HBCU graduates themselves, have praised the program's expansion. Rep. Brass noted: "This partnership between API and both universities will provide our students with an additional resource that can be used to enhance their technical knowledge and prepare them as they move into their careers in engineering."

Providing free access to our library of world-class standards for oil and gas equipment, processes and systems allows these institutions to introduce their students to practical knowledge and industry standards that will be immediately applicable in their future careers. And partnering with these highly regarded institutions fosters our industry's drive toward a more diverse, equitable and inclusive workforce.

As the energy sector evolves, API standards will provide the foundation for continuous improvements in industry operations and environmental performance. The natural gas and oil industry is proud to partner with HBCUs to deliver access to these state-of-the-art resources, empowering students to explore industry-related careers and accelerate innovation.

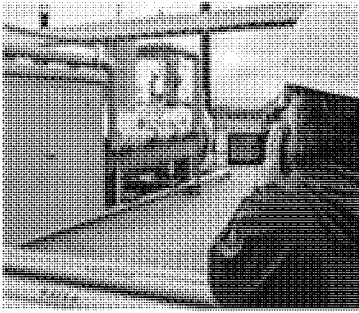
Sincerely,

**Lem Smith**

*Vice President – Federal Relations*

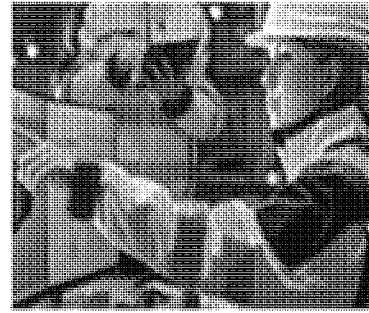
---

Visit [API's website](#) to learn more about:



### Climate Solutions Need Natural Gas and Oil

The natural gas and oil industry is fundamental to meeting our energy demand and climate goals.



### CCUS Key to Environmental Progress

Federal legislation supporting CCUS technology represents an economy-wide climate solution.

### Energy Infrastructure is Bipartisan

America's critical infrastructure provides opportunities for economic recovery and energy security.

API represents all segments of America's natural gas and oil industry, which supports more than 10 million U.S. jobs and is backed by a growing grassroots movement of millions of Americans. Our 600 members produce, process and distribute the majority of the nation's energy, and participate in the API Energy Excellence program, which is accelerating environmental and safety progress by fostering new technologies and transparent reporting. API was formed in 1919 as a standards-setting organization and has developed more than 700 standards to enhance operational and environmental safety, efficiency and sustainability.

To learn more about API and the value of oil and natural gas, please visit [API.org](https://www.api.org).

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**From:** EPA Press Office [norely\_subscriptions@epa.gov]  
**Sent:** 3/15/2021 11:24:52 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** EPA Strengthens Key Power Plant Rule to Reduce Smog this Summer and Improve Air Quality for Millions of Americans



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CONTACT: [press@epa.gov](mailto:press@epa.gov)

## **EPA Strengthens Key Power Plant Rule to Reduce Smog this Summer and Improve Air Quality for Millions of Americans**

**WASHINGTON** (March 15, 2021) — Today, the U.S. Environmental Protection Agency (EPA) is finalizing revisions to the Cross-State Air Pollution Rule (CSAPR) Update to help areas affected by pollution emitted by power plants in other states meet the 2008 national ambient air quality standards (NAAQS) for ground-level ozone, commonly referred to as smog. Starting this summer, power plants in 12 states will be required to cut smog-forming emissions of nitrogen oxides (NOx) that contribute to unhealthy air quality in communities downwind by installing, improving or upgrading pollution controls. Exposure to ground-level ozone can cause respiratory issues, aggravate asthma and other lung diseases and lead to missed days of work or school, emergency room visits and premature deaths.

"EPA plays a critical role by working with states and the power sector to prevent pollution released in one state from harming the health and air quality of its neighbors," said **EPA Administrator Michael Regan**. "The action we are taking today will not only help states meet their clean air obligations, but, more importantly, deliver cleaner, healthier air to millions of Americans starting this summer."

EPA estimates that the Revised CSAPR Update will reduce NOx emissions from power plants in 12 states in the eastern United States by 17,000 tons beginning in 2021 compared to projections without the rule. Due to this rulemaking and other changes already underway in the power sector, ozone season NOx emissions in these 12 states will be nearly 25,000 tons lower in 2021 than in 2019, a reduction of 19 percent. The reduction in emissions is estimated to prevent about 290,000 asthma events, 560 hospital and emergency room visits, 110,000 days of missed work and school, and up to 230 premature deaths in 2025. The public health and climate benefits are valued annually, on average, at up to \$2.8 billion each year over the period 2021 to 2040.

Required at power plants in 12 upwind states, the additional emissions reductions are based on both improving the performance or utilization of pollution controls already installed beginning in the 2021 ozone season and installation or upgrade of state-of-the-art NOx combustion controls beginning in the 2022 ozone season. The reductions in NOx emissions will lead to significant improvements in air quality beginning in the 2021 ozone season, which starts in May.

During warm weather months, NOx emissions from power plants can react in the atmosphere to create ground-level ozone, or smog. These pollutants can travel great distances, often crossing state lines and making it difficult for other states to meet and maintain the air quality standards for ozone that EPA establishes to protect public health.

Projected 2021 emissions from power plants in Illinois, Indiana, Kentucky, Louisiana, Maryland, Michigan, New Jersey, New York, Ohio, Pennsylvania, Virginia, and West Virginia were found to contribute to pollution levels that would harm the ability of downwind states to meet or maintain the 2008 ozone NAAQS.

The rule responds to the September 2019 ruling by the U.S. Court of Appeals for the D.C. Circuit (*Wisconsin v. EPA*) by addressing the "significant contribution" of pollution from particular upwind states to downwind states under the authority provided in Clean Air Act's "good neighbor" section 110(a)(2)(D)(i)(I), in order to help downwind states meet and maintain compliance with the 2008 ozone standard.

More information: <https://www.epa.gov/csapr/revise-cross-state-air-pollution-rule-update>



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Environmental Protection Agency, 1200 Pennsylvania Avenue NW, Washington, DC 20460 United States

## Appointment

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**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 3/1/2021 10:06:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Will Hupman [HupmanW@api.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]  
**Subject:** Meeting with API re: Methane, Ozone & PM NAAQS, Social cost of carbon, EJ and cost benefit rule  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Kim, Eun; Will Hupman; Carbonell, Tomas; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Kocchi, Suzanne; Shoaff, John; Gunning, Paul; Harvey, Reid

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[API 3/3 meeting](#)

### attendees

Howard Feldman, API  
John Wagner, API  
Will Hupman, API  
Matt Todd, API  
Kevin Avery, ConocoPhillips  
Lesley Schaaff, Hess  
Mariana Diez, ExxonMobil

Jay Thompson, Chevron  
Marnie Funk, Shell  
Leslie Arnold, BHP  
Misty McGowen, Phillips 66  
Kim Harb, Alyeska Pipeline  
Brenda Allen, Motiva  
Hilary Moffett, Occidental  
Andrew Holleman, Cheniere  
Julia Price-Madison, Baker Hughes  
Shea Loper, Ovintiv

## Appointment

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**From:** Kabanda, Thierry [Carbonell.Tomas@epa.gov]  
**Sent:** 3/3/2021 2:37:07 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]; Farkas, Caroline [Farkas.Caroline@epa.gov]

**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 3/3/2021 6:15:00 PM  
**End:** 3/3/2021 7:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth



RE: Meeting requests for Tomas

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## Microsoft Teams meeting

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Message

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**From:** Senter, Stephen [Senter.Stephen@epa.gov]  
**Sent:** 2/8/2021 3:37:47 PM  
**To:** Kabanda, Thierry [Kabanda.Thierry@epa.gov]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** RE: Meeting requests for Tomas  
**Attachments:** 2015 Ozone Transport Strategy\_OAR Deputy AA Meeting Request.docx

An additional meeting request: 2015 Ozone Transport Strategy.

---

**From:** Senter, Stephen  
**Sent:** Monday, February 08, 2021 10:27 AM  
**To:** Kabanda, Thierry <Kabanda.Thierry@epa.gov>  
**Cc:** Campbell, Ann <Campbell.Ann@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>; Brown, Annette <Brown.Annette@epa.gov>  
**Subject:** Meeting requests for Tomas

Hi Thierry, please see the attached meeting requests for Tomas for the following meetings:

## Ex. 5 Deliberative Process (DP)

Please let me know if you have any questions.

Thanks,

Stephen Senter  
U.S. Environmental Protection Agency  
Office of Air Quality Planning and Standards  
(919) 541-3042

<p align="center"><b>[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form For Deputy OAR AA</b></p>
---

**Date of this Request:** 2/3/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Scott Mathias 919-541-5310

**Subject:** 2015 Ozone Transport Strategy and Overview

**Purpose:** To provide OAR with an overview of the current status of actions on infrastructure SIPs submitted to fulfill interstate transport requirements for the 2015 ozone NAAQS and to receive direction on EPA's strategy for developing a nationally consistent policy framework for the outstanding SIPs currently before EPA.

- Next ADP Milestone:
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: (specify court-ordered, settle agreement, court promise, etc.) due date \_\_/\_\_/\_\_;
- Other firm deadline:

**First possible date for meeting:** 2/18/2021

**Last possible date for meeting:** 3/4/2021

**Duration:** 1 hour

**Requested Audio / Video** (*Mark with "X" appropriate communication line*)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. *Last, First*):**

<u>Office/Org</u>	<u>Name (<i>Last, First</i>)</u>
OAR	Carbonell, Tomás; Goffman, Joe; Campbell, Ann
OAQPS:	Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Wayland, Richard; Sasser, Erika; Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm
OAP:	Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David;
OTAQ:	Simon, Karl; Patulski, Meg
OGC:	Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary
RI:	Hamjian, Lynne; Greene, Cynthia; Rogan, John
Schedulers to Cc:	Senter, Stephen; Brown, Annette

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting

Revised 1/2021

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 1/27/2021 9:12:27 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**CC:** Lalani, Imran [Lalani.Imran@epa.gov]

**Subject:** Social Cost of Carbon - HFC's  
**Attachments:** FW: Urgent--SCC  
**Location:** Microsoft Teams Meeting

**Start:** 2/1/2021 6:00:00 PM  
**End:** 2/1/2021 6:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Grundler, Christopher; Kocchi, Suzanne; Gunning, Paul; Fawcett, Allen; Ragnauth, Shaun; Sarofim, Marcus  
**Optional Attendees:** Lalani, Imran



FW: Urgent--SCC

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## Microsoft Teams meeting

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Message

---

**From:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Sent:** 1/27/2021 2:09:28 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]  
**Subject:** FW: Urgent--SCC  
**Attachments:** Joe Goffman Meeting Request - SCC & AIM Act.docx

For scheduling Monday/Tuesday

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

---

**From:** Kocchi, Suzanne <Kocchi.Suzanne@epa.gov>  
**Sent:** Tuesday, January 26, 2021 4:59 PM  
**To:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Subject:** FW: Urgent--SCC

Ann – Sorry to bug you about scheduling – Tina sent this to Delaney yesterday and its related to AIM (which we were just talking about) and another part of the climate EO (SCC which also has a quick deadline). We haven't seen this scheduled yet but it would be helpful to talk to Joe by early next week on this. Thanks – Suzie

---

**From:** Fawcett, Allen <Fawcett.Allen@epa.gov>  
**Sent:** Tuesday, January 26, 2021 4:52 PM  
**To:** Newberg, Cindy <Newberg.Cindy@epa.gov>; Kocchi, Suzanne <Kocchi.Suzanne@epa.gov>; Gunning, Paul <Gunning.Paul@epa.gov>  
**Subject:** RE: Urgent--SCC

I sent the meeting request to Tina yesterday, and she sent it to Delany.

**From:** Murphy, Tina <Murphy.Tina@epa.gov>  
**Sent:** Monday, January 25, 2021 12:45 PM  
**To:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Cc:** Fawcett, Allen <Fawcett.Allen@epa.gov>  
**Subject:** Briefing for Joe: "Social Cost of Carbon - HFCs"

Hi Delaney,

Please find attached meeting request for Joe Goffman. **Subject: Social Cost of Carbon and HFCs.** This is related to the two AIM Act briefings that Cindy Newberg had set up.

Thank you as always for your help,  
Tina

**[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form  
For Joe Goffman**

**Date of this Request:** 01/25/2021

**Scheduling Point of Contact:** Tina Murphy

**Technical Point of Contact:** Allen Fawcett

**Subject: Social Cost of Carbon - HFCs**

**Purpose:** The E.O. *Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis* establishes an Interagency Working Group on the Social Cost of Greenhouse Gases (IWG) tasked with developing interim values for the social cost of carbon (SCC), methane (SCM), and nitrous oxide (SCN) within 30 days. Implementation of the AIM Act will require developing estimates of the social cost of HFCs for the RIA, and this will require input from the IWG.

Next ADP Milestone:

- If applicable, due date to: (tiering pending for the first rule) OP \_\_03\_\_/10\_\_/2021\_\_ (30\_ days review); OMB: \_\_04\_\_/17\_\_/2021\_\_ ( expected date of OMB clearance);
- Legal deadline: (specify court-ordered, settlement agreement, court promise, etc.)  
September 23, 2021 = 270 days after enactment to issue regulations
- Other firm deadline:
  - Publish interim SCC, SCN, SCM: 2/19/2021
  - Publish final SCC, SCN, SCM: January 2022

**First possible date for meeting:** 1/27/2021

**Last possible date for meeting:** 2/1/2021

**Duration:** 45 minutes

**Requested Audio / Video** (*Mark with "X" if requested*)

\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions) – HQ will set up a bridge if needed*

\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

*Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are Cc:*

<u>Office/Org</u>	<u>Name (Last, First)</u>
OAR/OAP/IO	Grundler, Chris
OAR/OAP/IO	Kocchi, Suzanne
OAR/OAP/CCD	Gunning, Paul
OAR/OAP/CCD	Fawcett, Allen
OAR/OAP/CCD	Ragnauth, Shaun
OAR/OAP/CCD	Birnbaum, Rona
OAR/OAP/CCD	Sarofim, Marcus
OAR/OAP/CCD	Hartin, Corinne
OAR/OAP/SPD	Newberg, Cindy

HQ Meeting Briefing Materials: Must provide to OAR IO by 4:00pm, 1 day before meeting

## Appointment

---

**From:** Kabanda, Thierry [Carbonell.Tomas@epa.gov]  
**Sent:** 3/3/2021 2:37:07 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]; Farkas, Caroline [farkas.caroline@epa.gov]

**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 3/3/2021 6:15:00 PM  
**End:** 3/3/2021 7:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth



RE: Meeting requests for Tomas

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## Appointment

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**From:** Nishida, Jane21 [ActAdmJ21Nishida@epa.gov]  
**Sent:** 3/3/2021 2:21:09 PM  
**To:** Nishida, Jane21 [ActAdmJ21Nishida@epa.gov]; Cassady, Alison [Cassady.Alison@epa.gov]; Kasman, Mark [Kasman.Mark@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Arroyo, Victoria [Arroyo.Victoria@epa.gov]; Enobakhare, Rosemary [Enobakhare.Rosemary@epa.gov]  
**CC:** Utech, Dan [Utech.Dan@epa.gov]; Garbow, Avi [Garbow.Avi@epa.gov]  
**Subject:** Briefing: Bilateral Climate Priorities and POTUS Leaders Summit  
**Attachments:** BILATERAL CLIMATE PRIORITIES AND POTUS CLIMATE SUMMIT.docx  
**Location:** Microsoft Teams Meeting  
**Start:** 3/5/2021 7:30:00 PM  
**End:** 3/5/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Cassady, Alison; Kasman, Mark; Goffman, Joseph; Carbonell, Tomas; Arroyo, Victoria; Enobakhare, Rosemary  
**Optional Attendees:** Utech, Dan; Garbow, Avi

---

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 3/1/2021 10:06:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Will Hupman [HupmanW@api.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]  
**Subject:** Meeting with API re: Methane, Ozone & PM NAAQS, Social cost of carbon, EJ and cost benefit rule  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Kim, Eun; Will Hupman; Carbonell, Tomas; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Kocchi, Suzanne; Shoaff, John; Gunning, Paul; Harvey, Reid

---

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[API 3/3 meeting attendees](#)

Howard Feldman, API  
John Wagner, API  
Will Hupman, API  
Matt Todd, API  
Kevin Avery, ConocoPhillips  
Lesley Schaaff, Hess  
Mariana Diez, ExxonMobil

Jay Thompson, Chevron  
Marnie Funk, Shell  
Leslie Arnold, BHP  
Misty McGowen, Phillips 66  
Kim Harb, Alyeska Pipeline  
Brenda Allen, Motiva  
Hilary Moffett, Occidental  
Andrew Holleman, Cheniere  
Julia Price-Madison, Baker Hughes  
Shea Loper, Ovintiv

## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]; Damberg, Rich [Damberg.Rich@epa.gov]; Baker, Kirk [Baker.Kirk@epa.gov]; Evangelista, Mark [Evangelista.Mark@epa.gov]  
**Subject:** Delegated to Tomas Carbonell: Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/18/2021 3:00:00 PM  
**End:** 3/18/2021 3:45:00 PM  
**Show Time As:** Free

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael; Damberg, Rich; Baker, Kirk; Evangelista, Mark



Meeting Request  
for Tomás Carbo...

This meeting is optional for Joe.

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<p align="center"><b>[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form For Tomás Carbonell</b></p>
---

**Date of this Request:** 2/19/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Scott Mathias 919-541-5310

**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards

**Purpose:** Provide overview to OAR management of upcoming EPA obligation to issue determinations of attainment by the attainment date, attainment date extensions, and reclassification notices for 2008 Serious and 2015 Marginal ozone nonattainment areas, some of which may be affected by exceptional events and/or international transport (section 179B).

- Next ADP Milestone:
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( \_ days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: (specify court-ordered, settle agreement, court promise, etc.) due date \_\_/\_\_/\_\_;
- Other firm deadline:

**First possible date for meeting:** 3/8/2021

**Last possible date for meeting:** 3/19/2021

**Duration:** 45 minutes

**Requested Audio / Video** (*Mark with "X" appropriate communication line*)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. *Last, First*):**

<u>Office/Org</u>	<u>Name (<i>Last, First</i>)</u>
OAR	Carbonell, Tomás; Goffman, Joe; Campbell, Ann
OAQPS:	Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen
OGC:	Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth; Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam
OTAQ:	Patulski, Meg; Simon, Karl; Kapichak, Rudy; Winkelmann, Joe

**Schedulers to Cc:** Brown, Annette

**HQ Meeting Briefing Materials:** Must provide to OAQPS IO by 5:00pm, 2 days before meeting

Revised 1/2021

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Howard, Jodi [Howard.Jodi@epa.gov]; Mark Morris [morris.mark37@gmail.com]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea; Kim, Eun; DeLuca, Isabel  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Howard, Jodi; Mark Morris



RE: Status of  
Meeting Request...

---

## Microsoft Teams meeting

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Message

---

**From:** Senter, Stephen [Senter.Stephen@epa.gov]  
**Sent:** 2/16/2021 2:21:38 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]  
**Subject:** RE: Status of Meeting Requests for Joe  
**Attachments:** OAR Meeting Request-Ethylene Oxide briefing Part 1.docx; OAR Meeting Request-Ethylene Oxide briefing Part 2.docx; OAR Meeting Request\_Health Benefits Approach for PM 2.5 and Ozone \_02-02-21.docx

Totally ok with us! And if we could get the Health Benefits briefing scheduled (meeting request attached) in that time slot, that would be great.

I've also attached the EtO meeting requests for convenience. Our hope is that part 1 and part 2 could be only a few days apart.

---

**From:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Sent:** Tuesday, February 16, 2021 9:19 AM  
**To:** Senter, Stephen <Senter.Stephen@epa.gov>; Campbell, Ann <Campbell.Ann@epa.gov>  
**Subject:** RE: Status of Meeting Requests for Joe

That means that Title V would move to next week. Is that okay?

---

**From:** Senter, Stephen <Senter.Stephen@epa.gov>  
**Sent:** Tuesday, February 16, 2021 8:18 AM  
**To:** Campbell, Ann <Campbell.Ann@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: Status of Meeting Requests for Joe

We may actually want to do the Health Benefits briefing tomorrow instead of Title V. We are about 1 week away from sending the CSAPR RIA over to OMB, so that one is actually more time sensitive now than the EtO briefings.

---

**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Tuesday, February 16, 2021 8:14 AM  
**To:** Senter, Stephen <Senter.Stephen@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: Status of Meeting Requests for Joe

Thanks for the program's feedback on prioritization. Looping in Delaney to see what can be done.

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

---

**From:** Senter, Stephen <Senter.Stephen@epa.gov>  
**Sent:** Tuesday, February 16, 2021 8:12 AM  
**To:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Subject:** RE: Status of Meeting Requests for Joe

I just spoke with Mike and we are actually ready to do the EtO Briefing Part 1 as early as tomorrow. If we could get it scheduled, we'd be open to pushing back the Title V briefing and have the first EtO briefing instead. Just an idea.

Thanks,  
Sephen

---

**From:** Senter, Stephen

**Sent:** Thursday, February 11, 2021 2:41 PM

**To:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>

**Cc:** Brown, Annette <[Brown.Annette@epa.gov](mailto:Brown.Annette@epa.gov)>; Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>

**Subject:** Status of Meeting Requests for Joe

**Importance:** High

Hi Everyone: I just wanted to check in on the status of the following meeting requests. If these have been scheduled and I'm just missing it, my apologies. The respective divisions have reached out to make sure we can get these scheduled soon if possible. If you need more information from me to get these scheduled, please let me know.

- Ethylene Oxide briefing: Part 1 (division requested 2/16 through 2/17 as possible dates) – This is a background briefing on EtO. At this point given the upcoming holiday, I don't think the division could be prepared by 2/16 to deliver the briefing, so 2/17-2/19 would work instead.
- Ethylene Oxide briefing: Part 2 (division requested 2/22-2/23 as possible dates) - This briefing will tee up the upcoming rulemaking for commercial sterilization facilities, so is time sensitive
- Health Benefits Approach for PM<sub>2.5</sub> and Ozone (division requested 2/11 through 2/16 as possible dates) – This briefing is closely related to the upcoming Revised CSAPR Update final rule, so is also time sensitive

I know everyone is super busy right now, but I did just want to flag these and check in on the status.

Thank You!

Stephen

**[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form  
For Joseph Goffman**

**Date of this Request:** 02/03/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Erika N. Sasser 919-541-3889

**Subject:** Health Benefits Approach for PM<sub>2.5</sub> and Ozone

**Purpose:** To present the pertinent topics related to our current health benefits assessment methodology, including updating PM<sub>2.5</sub> and ozone methods for the Revised CSAPR Update final rule, recent discussions with OMB regarding these methodological updates, and potential upcoming peer reviews for BenMAP-CE and the broader suite of ozone/PM benefits methods.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: \_\_/\_\_/\_\_;
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: CSAPR Final court-ordered date is 03/15/21.
- Other firm deadline

(Only list one date for first possible date; and one date for last possible date for meetings):

**First possible date for meeting:** 02/11/2021

**Last possible date for meeting:** 02/16/2021

**Duration:**

**Requested Audio / Video** (*Mark with "X" if requested*)

☒ **Video Location(s):** *Microsoft Teams Meeting*

☐ **HQ Conference Line:**

☐ **Non-HQ Conference Line:**

**Invitees (please list by Office and in Outlook format, e.g. *Last, First*):**

<u>Office/Org</u>	<u>Name (<i>Last, First</i>)</u>
OAR	Carbonell, Tomas; Campbell, Ann

OAQPS	Tsirigotis, Peter; Koerber, Mike; Sasser, Erika; Wayland, Richard; Wayland, Robertj; Weatherhead, Darryl; Fann, Neal; Chan, Elizabeth; Maniloff, Peter; MacPherson, Alex; Dolwick, Pat; Kamal, Ali; Davidson, Ken
-------	--

OGC	Hoffer, Melissa
-----	-----------------

Cc:	Senter, Stephen; Terry, Sara
-----	------------------------------

Schedulers to Cc:	Brown Annette; Mozingo, Kristal
-------------------	---------------------------------

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 2:46:19 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Fann, Neal [Fann.Neal@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Maniloff, Peter [Maniloff.Peter@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Davidson, Ken [Davidson.Ken@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Mozingo, Kristal [Mozingo.Kristal@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Kelly, James [kelly.james@epa.gov]; Simon, Heather [Simon.Heather@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]  
**Subject:** Health Benefits Approach for PM2.5 and Ozone  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting

**Start:** 2/17/2021 8:15:00 PM  
**End:** 2/17/2021 9:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Sasser, Erika; Wayland, Richard; Wayland, Robertj; Weatherhead, Darryl; Fann, Neal; Chan, Elizabeth; Maniloff, Peter; Macpherson, Alex; Dolwick, Pat; Kamal, Ali; Davidson, Ken; Hoffer, Melissa; Senter, Stephen; Sara Terry (Terry.Sara@epa.gov); Brown, Annette; Mozingo, Kristal; Kim, Eun  
**Optional Attendees:** Kelly, James; Simon, Heather; Fox, Tyler; Sargeant, Kathryn



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Willis, Sharnett [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=97B55BDFAC5E41D8AA81064DFA2CB944-WILLIS, SHARNETT]  
**Sent:** 2/16/2021 9:53:29 PM  
**To:** Utech, Dan [Utech.Dan@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Cassidy, Alison [Cassady.Alison@epa.gov]; Enobakhare, Rosemary [Enobakhare.Rosemary@epa.gov]; Hamilton, Lindsay [Hamilton.Lindsay@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Planning Session with OAR  
**Attachments:** OAR Planning Session\_021721.pptx  
**Location:** Microsoft Teams Meeting  
  
**Start:** 2/17/2021 2:30:00 PM  
**End:** 2/17/2021 3:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Cassidy, Alison; Enobakhare, Rosemary; Hamilton, Lindsay; Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Tsirigotis, Peter; Grundler, Christopher; Dunham, Sarah; Edwards, Jonathan; Shaw, Betsy; Shoaff, John

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/5/2021 4:43:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Newberg, Cindy [Newberg.Cindy@epa.gov]; Akerman, Nancy [Akerman.Nancy@epa.gov]; Cappel, Kirsten [Cappel.Kirsten@epa.gov]; Chaudhary, Dimple [Chaudhary.Dimple@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Bianco, Karen [Bianco.Karen@epa.gov]; Williams, Melina [Williams.Melina@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Hockstad, Leif [Hockstad.Leif@epa.gov]  
**Subject:** Kigali Amendment Ratification: Interagency Discussion  
**Attachments:** Meeting request: Kigali Amendment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/10/2021 9:15:00 PM  
**End:** 2/10/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Grundler, Christopher; Kocchi, Suzanne; Newberg, Cindy; Akerman, Nancy; Cappel, Kirsten; Chaudhary, Dimple; Srinivasan, Gautam; Bianco, Karen; Williams, Melina; Ferland, Henry; Hoffer, Melissa; Carbonell, Tomas; Shoaff, John; Nunez, Alejandra; Kim, Eun  
**Optional Attendees:** Hockstad, Leif



Meeting request:  
Kigali Amendment

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**[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form  
For Joe Goffman**

**Date of this Request:** 02/3/2021

**Scheduling Point of Contact:** Tina Murphy

**Technical Point of Contact:** Cindy Newberg

**Subject: Kigali Amendment Ratification: Interagency Discussions**

## Ex. 5 Deliberative Process (DP)

Next ADP Milestone:

- If applicable, due date to: OP \_\_/\_\_/\_\_ ( \_ days review); OMB: \_\_/\_\_/\_\_ ( expected date of OMB clearance);
- Legal deadline: (specify court-ordered, settlement agreement, court promise, etc.)
- Other firm deadline:

**First possible date for meeting:**

**Last possible date for meeting:**

**Duration:**

**Requested Audio / Video** (*Mark with "X" if requested*)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions) – HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

*Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are Cc:*

<u>Office/Org</u>	<u>Name (Last, First)</u>
OAR/OAP/IO	Grundler, Chris
OAR/OAP/IO	Kocchi, Suzanne
OAR/OAP/SPD	Newberg, Cindy
OAR/OAP/SPD	Akerman, Nancy
OAR/OAP/SPD	Cappel, Kristen
OGC	Dimple Chaudry
OGC	Srinivasan, Gautam
OGC	Bianco, Karen
OGC	Williams, Melina
OAR/OAR/OAPPS	Ferland, Henry

HQ Meeting Briefing Materials: Must provide to OAR IO by 4:00pm, 1 day before meeting

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/4/2021 5:35:03 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov] [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wesson, Karen [Wesson.Karen@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Hagan, Nicole [Hagan.Nicole@epa.gov]; Perlmutter, Lars [perlmutter.lars@epa.gov]; Pekar, Zachary [Pekar.Zachary@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Hassan, Iman [Hassan.Iman@epa.gov]; Lamichhane, Archana [lamichhane.archana@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Terry, Sara [Terry.Sara@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Kelly, James [kelly.james@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Orlin, David [Orlin.David@epa.gov]; Igoe, Sheila [Igoe.Sheila@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Mozingo, Kristal [Mozingo.Kristal@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]

**Subject:** PM NAAQS Review Discussion  
**Attachments:** FW: OAR Meeting Request\_PM NAAQS Review Discussion  
**Location:** Microsoft Teams Meeting

**Start:** 2/11/2021 6:00:00 PM  
**End:** 2/11/2021 6:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Sasser, Erika; Wayland, Richard; Wesson, Karen; Wayland, Robertj; Weatherhead, Darryl; Hagan, Nicole; Perlmutter, Lars; Pekar, Zachary; Chan, Elizabeth; Hassan, Iman; Lamichhane, Archana; Dolwick, Pat; Terry, Sara; Langdon, Robin; Kelly, James; Hoffer, Melissa; Srinivasan, Gautam; Orlin, David; Igoe, Sheila; Nunez, Alejandra  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Mozingo, Kristal; Fox, Tyler



FW: OAR Meeting  
Request\_PM NA...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/3/2021 6:22:14 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** American University Virtual Climate Event  
**Location:** Details Below  
  
**Start:** 2/4/2021 7:45:00 PM  
**End:** 2/4/2021 8:30:00 PM  
**Show Time As:** Busy

Please plan to join by 2:45 PM ET on Thursday, February 4<sup>th</sup> to make sure all logistics are set. The EPA representative will share 5 minutes of remarks (starting between 3:05 and 3:10).

### **Zoom Webinar Information for your calendar:**

You are invited to a Zoom webinar.

Date Time: Feb 4, 2021 03:00 PM Eastern Time (US and Canada)

Topic: Looking Ahead: A Roadmap for Healthy Air & Equitable Climate Action for the Biden Administration

Join from a PC, Mac, iPad, iPhone or Android device:

[Click Here to Join](#)

Note: This link should not be shared with others; it is unique to you.

[Add to Calendar](#) [Add to Google Calendar](#) [Add to Yahoo Calendar](#)

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 1/29/2021 9:20:40 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Bielen, David [bielen.david@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Whitlow, Jeff [Whitlow.Jeff@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Alsalam, Jameel [Alsalam.Jameel@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; South, Peter [South.Peter@epa.gov]; Hanks, Katie [hanks.katie@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**CC:** Dewees, Jason [Dewees.Jason@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Vetter, Cheryl [Vetter.Cheryl@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Wilson, Holly [Wilson.Holly@epa.gov]; Maniloff, Peter [Maniloff.Peter@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]  
**Subject:** Oil and Natural Gas (O&G) Sector  
**Attachments:** FW: OAR Meeting Request-Oil and Natural Gas (O&G) Sector  
**Location:** Microsoft Teams Meeting  
**Start:** 2/4/2021 7:00:00 PM  
**End:** 2/4/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Campbell, Ann; Tsirigotis, Peter; Koerber, Mike; Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Witt, Jon; Witosky, Matthew; Crowley, Kate; Ferguson, Gregory; Garwood, Gerri; Lessard, Patrick; Sasser, Erika; Weatherhead, Darryl; Macpherson, Alex; Bielen, David; Petesch, Theresa (Tess); Wayland, Richard; Shappley, Ned; Johnson, Steffan; Noonan, Jenny; Davis, Alison; Whitlow, Jeff; Mathias, Scott; Wood, Anna; Grundler, Christopher; Gunning, Paul; Waltzer, Suzanne; DeFigueiredo, Mark; Alsalam, Jameel; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; South, Peter; Hanks, Katie; Brown, Annette; Joseph, Wanda; Eck, Janet  
**Optional Attendees:** Dewees, Jason; Weitz, Melissa; Srinivasan, Gautam; DeLuca, Isabel; Nunez, Alejandra; Vetter, Cheryl; Wright, Rhonda; Wilson, Holly; Maniloff, Peter; Wayland, Robertj



FW: OAR Meeting  
Request-Oil and ...

---

# Microsoft Teams meeting

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---

**[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form  
For Joseph Goffman**

**Date of this Request:** 1/29/2021

**Scheduling Point of Contact:** Annette Brown, 919-541-0532

**Technical Point of Contact:** Penny Lassiter, 919-541-5396

**Lead Technical Point of Contact:** Amy Hambrick 919-541-0964, Karen Marsh 919-541-1065,

**Subject:** Oil and Natural Gas (O&G) Sector

**Purpose:** To outline potential paths forward for the O&G sector in response to the January 20, 2021, Executive Order (EO) on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: \_\_/\_\_/\_\_;
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: Settlement agreement due date is \_\_/\_\_/\_\_.
- Other firm deadline: EO tasks EPA to propose rulemaking by September 2021.

**First possible date for meeting:** 2/1/2021

**Last possible date for meeting:** 2/4/2021

**Duration:** 1 hour

**Requested Audio / Video** (Mark with "X" if requested)

  X   **Video Location(s):**

*List video locations needed (e.g., Microsoft Office Teams, RTP, DC, Regions)– HQ will set up a bridge if needed*

       **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

       **Non-HQ Conference Line:**

*If you plan to use a non-HQ conference line, include it here*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

*Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are Cc:*

Office/Org

Name (Last, First)

OAR

Carbonell Tomás; Campbell, Ann; Lewis, Josh

OAQPS:

Tsirigotis, Peter; Koerber, Mike; Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Witt, Jon; Witosky, Matthew; Crowley, Kate; Ferguson, Gregory; Garwood, Gerri; Lessard, Patrick; Sasser, Erika; Weatherhead, Darryl; MacPherson, Alex; Bielen, David; Petesch, Theresa; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Houyoux, Marc; Vukovich, Jeffrey; Snyder, Jennifer; Noonan, Jenny; Davis, Alison; Whitlow, Jeff; Mathias, Scott; Wood, Anna

OAP:

Grundler, Chris; Gunning, Paul; Waltzer, Suzanne; Weitz, Melissa; DeFigueiredo, Mark; Alsalam, Jameel; Eisele, Adam; McDuffie, Erin

OGC: Marks, Mathew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy;  
Vijayan, Abi; Mills, Derek

Cc: Senter, Stephen; South, Peter; Hanks, Katie

Schedulers to Cc: Brown Annette; Joseph, Wanda; Eck, Janet;

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.

Revised 1/2021

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 1/27/2021 9:12:27 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Fawcett, Allen [Fawcett.Allen@epa.gov]; Ragnauth, Shaun [Ragnauth.Shaun@epa.gov]; Sarofim, Marcus [Sarofim.Marcus@epa.gov]  
**CC:** Lalani, Imran [Lalani.Imran@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]  
**Subject:** Social Cost of Carbon - HFC's  
**Attachments:** FW: Urgent--SCC  
**Location:** Microsoft Teams Meeting  
  
**Start:** 2/1/2021 6:00:00 PM  
**End:** 2/1/2021 6:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Grundler, Christopher; Kocchi, Suzanne; Gunning, Paul; Fawcett, Allen; Ragnauth, Shaun; Sarofim, Marcus  
**Optional Attendees:** Lalani, Imran



FW: Urgent--SCC

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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/18/2021 7:42:49 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Powers, Garrett [powers.jamesg@epa.gov]; Mark, Jeremy [Mark.Jeremy@epa.gov]; Reighart, Andrew [Reighart.Andrew@epa.gov]  
**Subject:** 2015 Ozone Transport: Step 4 Topics  
**Attachments:** OAR Meeting request - 2015 Ozone Transport: Step 4 Topics  
**Location:** Microsoft Teams Meeting  
**Start:** 4/12/2021 5:00:00 PM  
**End:** 4/12/2021 6:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Beth Murray; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette; Marks, Matthew; Powers, Garrett; Mark, Jeremy; Reighart, Andrew



OAR Meeting  
request - 2015 O...

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Message

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**From:** Senter, Stephen [Senter.Stephen@epa.gov]  
**Sent:** 3/18/2021 7:20:28 PM  
**To:** Kabanda, Thierry [Kabanda.Thierry@epa.gov]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** OAR Meeting request - 2015 Ozone Transport: Step 4 Topics  
**Attachments:** 2015 Ozone Transport Step 4 Topics\_OAR Deputy AA Meeting Request.docx

Hi Thierry: please see the attached meeting request. Let me know if you have any questions!

Stephen

<p align="center"><b>[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form For Deputy OAR AA</b></p>
---

**Date of this Request:** 3/18/21

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Scott Mathias 919-541-5310

**Subject:** 2015 Ozone Transport: Step 4 Topics

**Purpose:** This is the fourth of four briefings to receive OAR's direction on developing a nationally consistent policy framework for 2015 ozone transport SIPs currently before EPA. This briefing will provide an overview of implementation mechanisms that EPA could use to ensure that the required reductions (identified at Step 3 of the four-step interstate transport framework) are achieved.

- Next ADP Milestone:
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( \_ days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: (specify court-ordered, settle agreement, court promise, etc.) due date \_\_/\_\_/\_\_;
- Other firm deadline:

**First possible date for meeting:** 4/7/2021

**Last possible date for meeting:** 4/16/2021

**Duration:** 1 hour

**Requested Audio / Video** (*Mark with "X" appropriate communication line*)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. *Last, First*):**

<u>Office/Org</u>	<u>Name (<i>Last, First</i>)</u>
OAR	Carbonell, Tomás; Goffman, Joe; Campbell, Ann
OAQPS:	Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Wayland, Richard; Sasser, Erika; Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm
OAP:	Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Murray, Beth
OTAQ:	Simon, Karl; Patulski, Meg
OGC:	Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary
RI:	Hamjian, Lynne; Greene, Cynthia; Rogan, John
Schedulers to Cc:	Senter, Stephen; Brown, Annette

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting

Revised 1/2021

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 1/25/2021 8:42:23 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Birnbaum, Rona [Birnbaum.Rona@epa.gov]; Gentile, Lauren [Gentile.Lauren@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]; Millett, John [Millett.John@epa.gov]; Hamilton, Lindsay [Hamilton.Lindsay@epa.gov]; Grantham, Nancy [Grantham.Nancy@epa.gov]; Widener, Charles (Chuck) [Widener.Charles@epa.gov]; Rosseel, Kevin [Rosseel.Kevin@epa.gov]; Stevens, Katherine [stevens.katherine@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**CC:** Drinkard, Andrea [Drinkard.Andrea@epa.gov]; Shogren, Angela [Shogren.Angela@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]  
**Subject:** Climate Change Website  
**Attachments:** Meeting on climate change website  
**Location:** Microsoft Teams Meeting  
**Start:** 1/27/2021 4:30:00 PM  
**End:** 1/27/2021 5:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Grundler, Christopher; Kocchi, Suzanne; Gunning, Paul; Birnbaum, Rona; Gentile, Lauren; DeLuca, Isabel; Millett, John; Hamilton, Lindsay; Grantham, Nancy; Widener, Charles (Chuck); Rosseel, Kevin; Stevens, Katherine; Carbonell, Tomas  
**Optional Attendees:** Drinkard, Andrea; Shogren, Angela; Ann Campbell (Campbell.Ann@epa.gov)



Meeting on climate  
change website

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Message

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**From:** DeLuca, Isabel [DeLuca.Isabel@epa.gov]  
**Sent:** 1/25/2021 5:14:32 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Millett, John [Millett.John@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Meeting on climate change website

Hi Delaney,

Here's what I'm thinking for the climate web meeting – John let me know if you have any additions / comments/ concerns.

Title: Climate Change Website

Timing: ½ hour (one hour would be ideal, but I'm guessing that's not available) during week of 1/25

Invitees: Chris Grundler, Suzanne Kocchi, Paul Gunning, Rona Birnbaum, Lauren Gentile, me, John Millett, Lindsay Hamilton, Nancy Grantham

Optional: Andrea Drinkard, Charles Widener

Isabel DeLuca  
Office of Air and Radiation, US EPA  
(202) 343-9247

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 1/22/2021 11:46:14 PM  
**To:** Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Doniger, David [ddoniger@nrdc.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]  
**Subject:** Meeting with David Doniger (Climate and Clean Energy Program) re: Power Plant Plans & CBD NAAQS Petition  
**Location:** Microsoft Teams Meeting  
**Start:** 1/26/2021 8:00:00 PM  
**End:** 1/26/2021 8:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Mike Koerber (Koerber.Mike@epa.gov); Doniger, David; Carbonell, Tomas; Tsirigotis, Peter

---

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## Appointment

---

**From:** Adhar, Radha [Adhar.Radha@epa.gov]  
**Sent:** 1/22/2021 10:42:46 PM  
**To:** Adhar, Radha [Adhar.Radha@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]; Deveny, Adrian (Schumer) [Adrian\_Deveny@schumer.senate.gov]  
**Subject:** To discuss CRA  
**Location:** Microsoft Teams Meeting  
**Start:** 1/25/2021 9:30:00 PM  
**End:** 1/25/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Utech, Dan; Deveny, Adrian (Schumer)

---

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## Appointment

---

**From:** Kabanda, Thierry [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b1a9a772e3c946cb99a35da45f43de6c-Kabanda, Th]  
**Sent:** 3/15/2021 2:12:38 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Vickie Patton [vpattton@edf.org]; Chester France [cjfrance@sbcglobal.net]; pzalzal@edf.org; Kim, Eun [Kim.Eun@epa.gov]; Benjamin Hengst [Hengst.Benjamin@epa.gov]  
**CC:** William Charmley (charmley.william@epa.gov) [charmley.william@epa.gov]  
**Subject:** Meeting with Environmental Defense Fund re: Air Standards for Light, Medium and Heavy Duty Vehicles  
**Attachments:** RE: [EXTERNAL] FW: Clean Cars Meeting Request; External meeting request\_March 15 2021.docx  
**Location:** Microsoft Teams Meeting  
**Start:** 3/30/2021 7:00:00 PM  
**End:** 3/30/2021 7:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Dunham, Sarah; Vickie Patton; Chester France; pzalzal@edf.org; Kim, Eun; Benjamin Hengst  
**Optional Attendees:** William Charmley (charmley.william@epa.gov)



RE: [EXTERNAL]  
FW: Clean Cars ...



External meeting  
request\_March 1...

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## [ SEQ CHAPTER \h \r 1]External Meeting Request Form for OAR

Today's Date: March 15, 2021

Requesting Organization: Environmental Defense Fund

Title of the Meeting: Protecting Human health and the environment from car, freight truck, bus (LD/MD/HD) climate and air pollution

Purpose: Present findings of new analyses re extensive health and economic benefits

Background: Transportation sector is one of the single largest sources of climate and air pollution

Is this meeting related to ongoing litigation: No

Earliest possible date for the meeting: March 15, 2021

Last possible date for the meeting: March 31, 2021

Is the meeting urgent and if so, why: EO deadlines

Requested Time Length: one hour

Have you met with anyone within EPA: Sarah Dunham, Bill Charmley

Invitees: Joseph Goffman, Alejandra Nunez, Sarah Dunhm, Bill Charmley

External Participants: Vickie Patton (vpatt@edf.org), Chet France (cjfrance@sbcglobal.net), Peter Zalzal ([  
HYPERLINK "mailto:pzalzal@edf.org" ])

Teleconference Required: Yes

Video Conference Required: Yes

Point of Contact for the Meeting: Vickie Patton, [ HYPERLINK "mailto:vpatt@edf.org" ] 720-837-6239

\*\*\*Please email this form back to OAR\_Invitations@epa.gov\*\*\*

## Appointment

---

**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 3/11/2021 8:53:16 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Laurie Holmes [lholmes@mema.org]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; 'Dunham, Sarah (Dunham.Sarah@epa.gov)' [Dunham.Sarah@epa.gov]; Benjamin Hengst [Hengst.Benjamin@epa.gov]  
**CC:** Kim, Eun [Kim.Eun@epa.gov]; Ann Wilson [awilson@MEMA.ORG]; William Charmley (charmley.william@epa.gov) [charmley.william@epa.gov]  
**Subject:** Meeting with MEMA: re: GHG & Light vehicle and Heavy Duty NAAQS  
**Location:** Microsoft Teams Meeting  
**Start:** 3/29/2021 8:00:00 PM  
**End:** 3/29/2021 8:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Laurie Holmes; Nunez, Alejandra; 'Dunham, Sarah (Dunham.Sarah@epa.gov)'; Benjamin Hengst  
**Optional Attendees:** Kim, Eun; Ann Wilson; William Charmley (charmley.william@epa.gov)

---

## Microsoft Teams meeting

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## Appointment

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**From:** Matney, Rachel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=bea4f49a79c44d47b1672554e9068296-Matney, Rac]  
**Sent:** 3/11/2021 6:50:17 PM  
**To:** Frey, Christopher [Frey.Christopher@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** General Chris F/Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 3/15/2021 7:45:00 PM  
**End:** 3/15/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph

Quick 15 minute discussion for your thoughts on implications of American Rescue Plan for ORD, if any, and to also share some thinking about where ORD would like to support some research at the intersection of air, climate, and EJ.

---

## Microsoft Teams meeting

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## Appointment

---

**From:** Kabanda, Thierry [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b1a9a772e3c946cb99a35da45f43de6c-Kabanda, Th]  
**Sent:** 3/9/2021 6:47:59 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** ECOS: Roundtable & Open Discussion: Innovative Policy Approaches to Greenhouse Gas Reduction  
**Location:** Zoom  
**Start:** 3/17/2021 6:00:00 PM  
**End:** 3/17/2021 6:40:00 PM  
**Show Time As:** Busy

### Roundtable & Open Discussion: Innovative Policy Approaches to Greenhouse Gas Reduction

*As climate moves to center stage at the federal level, states will continue to play a key role in driving reductions of greenhouse gas (GHG) emissions. Join this panel of state and federal policymakers as they explore strategies for GHG reduction in various sectors.*

- ❖ ECOS Air Committee Chair Sheila Holman, Assistant Secretary for the Environment, North Carolina Department of Environmental Quality (moderator)
- ❖ Janet Coit, Director, Rhode Island Department of Environmental Management
- ❖ Trisha Oeth, Acting Environmental Programs Policy Advisor, Colorado Department of Public Health & Environment
- ❖ The Honorable Gina McCarthy, White House National Climate Advisor (invited)
- ❖ Vicki Arroyo, Associate Administrator for Policy, U.S. EPA

### ECOS Meeting Zoom, Day 2

**When** Wed Mar 17, 2021 11:45am – 5:15pm Eastern Time - New York

**Calendar** [goffman.joseph@epa.gov](mailto:goffman.joseph@epa.gov)

**Who** (Guest list is too large to display)

[more details »](#)

1. The meeting will be held on March 16 at 12:00-5:30 p.m. Eastern and March 17 at 12:00-5:15 p.m. Eastern. Please note that all individual times listed within the agenda are also Eastern.

2. If you plan to attend the 12:00 p.m. Eastern breakout sessions either day, please log in 15 minutes prior to the session and follow the instructions on the screen to select a breakout room.

3. Join the Zoom Meeting [here](#) on both days of the event. If you'd prefer to copy and paste: <https://us02web.zoom>

Ex. 6 Personal Privacy (PP)

Topic: ECOS 2021 Spring Meeting: Navigating Change

Time: Eastern Time (US and Canada)

Mar 16, 2021 11:45 AM

Mar 17, 2021 11:45 AM

Meeting ID: [Ex. 6 Personal Privacy \(PP\)](#)

Passcode: 9

If possible, please use the above Zoom link and computer audio for the best meeting participation experience. If you need to dial in on your phone, however:

Dial by your location

[Ex. 6 Personal Privacy \(PP\)](#) US (Chicago)

Ex. 6 Personal Privacy (PP)	(New York)
	(Washington DC)
	(Houston)
	(San Jose)
	(Tacoma)

Find your local number: <https://us02web.zoom> Ex. 6 Personal Privacy (PP)

4. Please be sure to log in with your first and last name in the Zoom account so that we can identify you. If you need to change your name after logging in, click on "participants," hover over your name, and select "rename."

5. Format: You will be automatically muted when you enter the event. If you are not a speaker during a particular session, please do not use your camera unless the moderator gives different instructions. We will enable video for speakers but ask that you help us limit the number of people for whom we have to adjust settings by keeping your audio and video settings off. When it comes time for open dialogue and Q&A, we will remind you to use the "raise hand" feature and will call on you in the order in which you have raised your hand. You can unmute yourself to speak. We will remind everyone of this tomorrow, but we wanted to make you aware of the plans for the general flow of the meeting.

6. Agenda and Attendee List: The final agenda, meeting materials, and attendee list will be posted to the ECOS website [here](#).

## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/11/2021 4:04:28 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Erika Sasser (Sasser.Erika@epa.gov) [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; McConnell, Robert [mcconnell.robert@epa.gov]; Simcox, Alison [simcox.alison@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]  
**Subject:** FW: 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kim, Eun  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette; McConnell, Robert; Simcox, Alison; Marks, Matthew; Murray, Beth; Eyth, Alison; Houyoux, Marc; Sargeant, Kathryn; Rakosnik, Delaney

Hi Joe, the link is below

-----Original Appointment-----

**From:** Kabanda, Thierry **On Behalf Of** Carbonell, Tomas

**Sent:** Monday, March 1, 2021 11:54 AM

**To:** Carbonell, Tomas; Campbell, Ann; Peter Tsirigotis ([Tsirigotis.Peter@epa.gov](mailto:Tsirigotis.Peter@epa.gov)); Mike Koerber ([Koerber.Mike@epa.gov](mailto:Koerber.Mike@epa.gov)); Mathias, Scott; Wayland, Richard; Erika Sasser ([Sasser.Erika@epa.gov](mailto:Sasser.Erika@epa.gov)); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel ([Schramm.Daniel@epa.gov](mailto:Schramm.Daniel@epa.gov)); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kim, Eun

**Cc:** Goffman, Joseph; Senter, Stephen; Brown, Annette; McConnell, Robert; Simcox, Alison; Marks, Matthew; Murray, Beth; Eyth, Alison; Houyoux, Marc; Sargeant, Kathryn; Rakosnik, Delaney

**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**When:** Thursday, March 11, 2021 11:00 AM-12:00 PM (UTC-05:00) Indiana (East).  
**Where:** Microsoft Teams Meeting

## Microsoft Teams meeting

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Meeting requests  
for Tomas: Ozone...

Joe is invited to attend. Time permitting.

## Microsoft Teams meeting

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**Ex. 6 Personal Privacy (PP)** United States, Washington DC

Phone Conference ID: **Ex. 6 Personal Privacy (PP)** #

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Message

---

**From:** Senter, Stephen [Senter.Stephen@epa.gov]  
**Sent:** 3/1/2021 2:15:26 PM  
**To:** Kabanda, Thierry [Kabanda.Thierry@epa.gov]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** Meeting requests for Tomas: Ozone Transport  
**Attachments:** 2015 Ozone Transport Implementation Options\_OAR Deputy AA Meeting Request.docx; 2015 Ozone Transport CAA Authorities and Analytic Options\_OAR Deputy AA Meeting Request.docx

Hi Thierry, please see the attached meeting requests for Tomas.

Thanks,  
Stephen

<p align="center"><b>[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form For Deputy OAR AA</b></p>
---

**Date of this Request:** 2/26/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Scott Mathias 919-541-5310

**Subject:** 2015 Ozone Transport: Implementation Options

**Purpose:** This is the third of three briefings to receive OAR's direction on developing a nationally consistent policy framework for 2015 ozone transport SIPs currently before EPA. This briefing will provide information on current data collection efforts and sector contribution modeling and will provide decision options on the scope of response rule(s) and stringency relative to previous ozone transport rules.

- Next ADP Milestone:
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( \_ days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: (specify court-ordered, settle agreement, court promise, etc.) due date \_\_/\_\_/\_\_;
- Other firm deadline:

**First possible date for meeting:** 3/25/2021

**Last possible date for meeting:** 3/26/2021

**Duration:** 1 hour

**Requested Audio / Video** (*Mark with "X" appropriate communication line*)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. *Last, First*):**

<u>Office/Org</u>	<u>Name (<i>Last, First</i>)</u>
OAR	Carbonell, Tomás; Goffman, Joe; Campbell, Ann
OAQPS:	Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Wayland, Richard; Sasser, Erika; Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm
OAP:	Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David;
OTAQ:	Simon, Karl; Patulski, Meg
OGC:	Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary
RI:	Hamjian, Lynne; Greene, Cynthia; Rogan, John
Schedulers to Cc:	Senter, Stephen; Brown, Annette

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting

Revised 1/2021

<p align="center"><b>[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form For Deputy OAR AA</b></p>
---

**Date of this Request:** 2/26/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Scott Mathias 919-541-5310

**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options

**Purpose:** This is the second of three briefings to receive OAR's direction on developing a nationally consistent policy framework for 2015 ozone transport SIPs currently before EPA. This briefing will provide an overview of available Clean Air Act authorities and provide decisional options for analytic work at Steps 1 and 2 of EPA's four-step interstate transport framework.

- Next ADP Milestone:
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: (specify court-ordered, settle agreement, court promise, etc.) due date \_\_/\_\_/\_\_;
- Other firm deadline:

**First possible date for meeting:** 3/10/2021

**Last possible date for meeting:** 3/12/2021

**Duration:** 1 hour

**Requested Audio / Video** (Mark with "X" appropriate communication line)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

<u>Office/Org</u>	<u>Name (Last, First)</u>
OAR	Carbonell, Tomás; Goffman, Joe; Campbell, Ann
OAQPS:	Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Wayland, Richard; Sasser, Erika; Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm
OAP:	Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David;
OTAQ:	Simon, Karl; Patulski, Meg
OGC:	Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary
RI:	Hamjian, Lynne; Greene, Cynthia; Rogan, John
Schedulers to Cc:	Senter, Stephen; Brown, Annette

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting

Revised 1/2021

## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/8/2021 8:30:48 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; dbaron@earthjustice.org; gloria.smith@sierraclub.org; cmcphe dran@earthjustice.org; joshua.smith@sierraclub.org; Kim, Eun [Kim.Eun@epa.gov]; Stephanie Kodish [skodish@npca.org]; Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** Meeting with Stakeholders to Discuss Regional Haze  
**Attachments:** RE: Availability to talk re regional haze? ; External meeting request\_NPCA.docx  
**Location:** Microsoft Teams Meeting  
**Start:** 3/18/2021 8:00:00 PM  
**End:** 3/18/2021 8:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; dbaron@earthjustice.org; gloria.smith@sierraclub.org; cmcphe dran@earthjustice.org; joshua.smith@sierraclub.org; Kim, Eun; Stephanie Kodish; Goffman, Joseph



RE: Availability to  
talk re regional h...



External meeting  
request\_NPCA.d...

---

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Message

---

**From:** Stephanie Kodish [skodish@npca.org]  
**Sent:** 3/2/2021 6:50:13 PM  
**To:** Kabanda, Thierry [Kabanda.Thierry@epa.gov]  
**Subject:** RE: Availability to talk re regional haze?

Sure, here you go:

David Baron <[dbaron@earthjustice.org](mailto:dbaron@earthjustice.org)>; Gloria Smith <[gloria.smith@sierraclub.org](mailto:gloria.smith@sierraclub.org)>; Charles McPhedran <[cmcphebran@earthjustice.org](mailto:cmcphebran@earthjustice.org)>; Joshua Smith <[joshua.smith@sierraclub.org](mailto:joshua.smith@sierraclub.org)>

---

**From:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Sent:** Tuesday, March 2, 2021 1:45 PM  
**To:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Subject:** RE: Availability to talk re regional haze?

Hey Stephanie,

Thanks! Can you provide me with email address, as I don't want to assume.

---

**From:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Sent:** Tuesday, March 2, 2021 1:32 PM  
**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Subject:** RE: Availability to talk re regional haze?

Hi Thierry, 3pm ET on 3/17 works for us. I'll be joined by the following colleagues: David Baron and Charley McPhedran with Earthjustice as well as Joshua Smith and Gloria Smith with Sierra Club. Please let me know if you need any additional information. Thanks! Stephanie

---

**From:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Sent:** Tuesday, March 2, 2021 8:18 AM  
**To:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Subject:** RE: Availability to talk re regional haze?

Thank you.

---

**From:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Sent:** Monday, March 1, 2021 9:28 PM  
**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Subject:** RE: Availability to talk re regional haze?

Thank you Thierry! I'll check with my colleagues on date and circle back. Best, Stephanie

---

**From:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Sent:** Monday, March 1, 2021 3:44 PM  
**To:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Subject:** RE: Availability to talk re regional haze?

Hey Stephanie,

Reaching back out Reaching back out to you on this. Below is a list of times. Please let me know which works best for you and provide a list of invitees from your side. Thanks.

3/15 1 PM  
3/17 11 AM, 3 PM.  
3/18 2 PM  
3/19 3 PM

Thierry Kabanda, MBA  
Staff Assistant  
EPA/Office of Air and Radiation  
Office: (202)-564-8604  
Cell: (202)-281-6537

---

**From:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Sent:** Wednesday, February 24, 2021 5:10 PM  
**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Subject:** RE: Availability to talk re regional haze?

Thanks for the note! On standby...

---

**From:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Sent:** Wednesday, February 24, 2021 8:25 AM  
**To:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Subject:** RE: Availability to talk re regional haze?

Good morning Stephanie,

Just wanted to let you know, we have not forgotten about you. Still coordinating with our program office. Thanks.

---

**From:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Sent:** Thursday, February 18, 2021 3:40 PM  
**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Cc:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** RE: Availability to talk re regional haze?

Thank you Thierry. Yes we had a meeting today with OAQPS (Earthjustice, Sierra Club and NPCA). Look forward to hearing back from you. Best, Stephanie

---

**From:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Sent:** Thursday, February 18, 2021 1:04 PM  
**To:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Cc:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** RE: Availability to talk re regional haze?

Good afternoon Stephanie,

We are in the process of coordinating with the programs to get this meeting set up. From what I understand a meeting is to take place between yourself and OAQPS today? I will definitely circle back with a meeting request form, as soon as I'm update by the program.

---

**From:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Sent:** Thursday, February 18, 2021 12:07 PM  
**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Cc:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** RE: Availability to talk re regional haze?

Theirry, circling back on this request to see whether it's possible to get a date on the calendar with Tomas and Joe?  
Thanks, Stephanie

---

**From:** Stephanie Kodish  
**Sent:** Thursday, January 28, 2021 4:33 PM  
**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Cc:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** RE: Availability to talk re regional haze?

Thank you Thierry! I look forward to hearing back from you with time options, ideally for times within the next few weeks. Best, Stephanie

---

**From:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Sent:** Wednesday, January 27, 2021 1:51 PM  
**To:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Cc:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** FW: Availability to talk re regional haze?

Good afternoon,

Thank you very much for getting in touch with the Office of Air and Radiation. Acting Assistant Administrator Joe Goffman and Deputy Assistant Administrator Tomás Carbonell are delighted by your interest in meeting with them and are eager to speak with you. We are in the process of developing a longer-term calendar and will keep your request and information on hand in anticipation of contacting you sometime in the next few weeks to respond fully to your request. Again, thank you for your interest and we look forward to connecting with you again in the near future.

Thierry Kabanda, MBA  
Staff Assistant  
EPA/Office of Air and Radiation  
Office: (202)-564-8604  
Cell: (202)-281-6537

---

**From:** Carbonell, Tomas <[Carbonell.Tomas@epa.gov](mailto:Carbonell.Tomas@epa.gov)>  
**Sent:** Tuesday, January 26, 2021 11:53 AM  
**To:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Cc:** Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)>  
**Subject:** FW: Availability to talk re regional haze?

See meeting request below from NPCA on Regional Haze – thanks!

---

**From:** Stephanie Kodish <[skodish@npca.org](mailto:skodish@npca.org)>  
**Sent:** Tuesday, January 26, 2021 10:41 AM  
**To:** Carbonell, Tomas <[Carbonell.Tomas@epa.gov](mailto:Carbonell.Tomas@epa.gov)>  
**Subject:** Availability to talk re regional haze?

Hi Tomas, hope you are doing well and easily acclimating to your new role (congratulations!). Could we find a time to talk in the next 1-2 weeks about regional haze? I'm sure you are wildly busy so glad to accommodate your schedule if you might suggest some times. Thanks, Stephanie



**Stephanie Kodish**

Pronouns: she/her/hers

Senior Director & Counsel, Clean Air and Climate  
Programs | National Parks Conservation  
Association

**P:** 865.964.1774 | [skodish@npca.org](mailto:skodish@npca.org) | [npca.org](http://npca.org)

*Your parks. Your turn.*

## Appointment

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**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 3/4/2021 9:47:30 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Michelle Montoya [michelle.montoya@environmentalprotectionnetwork.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Michelle Roos [michelle.roos@environmentalprotectionnetwork.org]; sebastian.irby@environmentalprotectionnetwork.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; 'Dunham, Sarah (Dunham.Sarah@epa.gov)' [Dunham.Sarah@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** jthannon50@gmail.com; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; ellenkurlansky@gmail.com  
**Subject:** Meeting with Environmental Protection Network re: Mobile & Stationary Sources  
**Attachments:** Re: OAR meeting with EPN March 23 3pm ET; OAR External meeting request\_EPN.docx; EPN meeting with OAR  
**Location:** Microsoft Teams meeting  
**Start:** 3/25/2021 8:00:00 PM  
**End:** 3/25/2021 8:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Michelle Montoya; Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Michelle Roos; sebastian.irby@environmentalprotectionnetwork.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Grundler, Christopher; 'Dunham, Sarah (Dunham.Sarah@epa.gov)'; Kim, Eun  
**Optional Attendees:** jthannon50@gmail.com; Kocchi, Suzanne



Re: OAR meeting  
with EPN March ...



OAR External  
meeting request...



EPN meeting with  
OAR

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Please forward as appropriate.

## Microsoft Teams meeting

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**Or call in (audio only)**

**Ex. 6 Personal Privacy (PP)**

United States, Washington DC

Phone Conference ID: **Ex. 6 Personal Privacy (PP)** #

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Message

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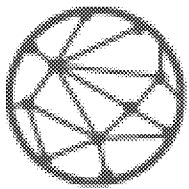
**From:** Michelle Montoya [michelle.montoya@environmentalprotectionnetwork.org]  
**Sent:** 3/12/2021 4:25:35 PM  
**To:** Michelle Roos [michelle.roos@environmentalprotectionnetwork.org]  
**CC:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Kabanda, Thierry [Kabanda.Thierry@epa.gov]  
**Subject:** Re: OAR meeting with EPN March 23 3pm ET

Hello Delaney,

Would you like to circulate an Teams invite for this call or should we provide a Zoom link to use?

Thank you,  
Michelle

Michelle Montoya  
(she/her/hers)  
Operations and Communications Associate  
Environmental Protection Network  
[michelle.montoya@environmentalprotectionnetwork.org](mailto:michelle.montoya@environmentalprotectionnetwork.org)  
[www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org)



**Environmental  
Protection Network**

On Wed, Mar 10, 2021 at 10:30 PM Michelle Roos <[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)> wrote:

Thank you again for all of your help.

If Joe, Tomás and/or Alé would be interested in having the Office Directors of OTAQ, OAQPS and OAP and other career staff at the meeting, we would be happy to make this a larger meeting. We defer to them and what would be the best use of their time. (And we don't want to postpone the meeting as we know how busy everyone's schedules are.)

Thanks so much,  
Michelle

Michelle Roos (she/her)  
Executive Director  
Environmental Protection Network  
[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)  
646-361-6928 (cell)  
[www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org)



On Thu, Mar 4, 2021 at 4:58 PM Michelle Roos <[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)> wrote:  
Let me talk to our folks, but maybe for the first initial meeting, small is better.

TBD!

But thank you for this date and time.

- Michelle

Michelle Roos (*she/her*)  
Executive Director  
Environmental Protection Network  
[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)  
646-361-6928 (cell)  
[www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org)



On Thu, Mar 4, 2021 at 4:55 PM Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)> wrote:

It'll be the Acting AA, two DAA's, and I can add office directors if you want. Do you have anyone in mind?

---

**From:** Michelle Roos <[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)>  
**Sent:** Thursday, March 4, 2021 4:52 PM  
**To:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>; Michelle Montoya <[michelle.montoya@environmentalprotectionnetwork.org](mailto:michelle.montoya@environmentalprotectionnetwork.org)>  
**Cc:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Subject:** Re: FW: congratulations!

We understand!

We will take that and we will make it work on our end!

Just to confirm, that will be with the Acting AA and the two DAAs? Will any Office Directors be there?

Thanks again!

- Michelle

Michelle Roos (*she/her*)

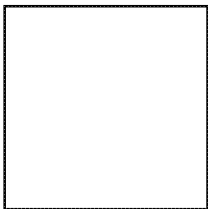
Executive Director

Environmental Protection Network

[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)

646-361-6928 (cell)

[www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org)



On Thu, Mar 4, 2021 at 4:44 PM Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)> wrote:

Hi Michelle,

Apologies for the long wait! OAR is happy to meet (1 meeting). How does March 23<sup>rd</sup> at 3pm ET work for your calendars? I happy to discuss other calendar options, if need be.

Many thanks!

Delaney Rakosnik

Staff Assistant

Immediate Office of the Assistant Administrator  
Office of Air and Radiation, USEPA  
Room 5406A, 1200 Pennsylvania Avenue NW  
Washington, DC 20460  
Voice: 202-564-0935  
Email: [rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)

---

**From:** Michelle Roos <[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)>  
**Sent:** Tuesday, February 23, 2021 2:25 PM  
**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Cc:** Michelle Montoya <[michelle.montoya@environmentalprotectionnetwork.org](mailto:michelle.montoya@environmentalprotectionnetwork.org)>; Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>; OAR Invitations <[OAR\\_Invitations@epa.gov](mailto:OAR_Invitations@epa.gov)>  
**Subject:** Re: FW: congratulations!

Thank you so much! We'll go ahead and request all of them, but we defer to you if 2-3 separate meetings would be better once you've had a chance to review the request. Thank you again!

- Michelle

Michelle Roos

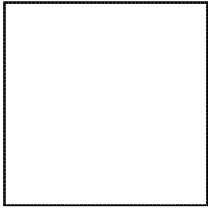
Executive Director

Environmental Protection Network

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[www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org)



On Tue, Feb 23, 2021 at 1:05 PM Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)> wrote:

Hey Michelle,

You can state on the request which OAR leaders you would like to meet with and the topics to discuss.  
Thanks!

---

**From:** Michelle Roos <[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)>

**Sent:** Tuesday, February 23, 2021 11:59 AM

**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>; Michelle Montoya  
<[michelle.montoya@environmentalprotectionnetwork.org](mailto:michelle.montoya@environmentalprotectionnetwork.org)>

**Cc:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>; OAR  
Invitations <[OAR\\_Invitations@epa.gov](mailto:OAR_Invitations@epa.gov)>

**Subject:** Re: FW: congratulations!

Thanks again, Thierry!

Michelle Montoya will send the form later today. Before she does so, is this a meeting request to just meet with Alejandra or also with Tomas and Joe? Meaning, should we stick to mobile sources or also speak on stationary?

Thank you!

- Michelle

Michelle Roos

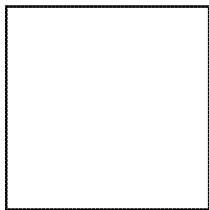
Executive Director

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[www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org)



On Tue, Feb 23, 2021 at 12:53 AM Michelle Roos <[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)> wrote:

Thanks so much! Will do ASAP!

Michelle Roos

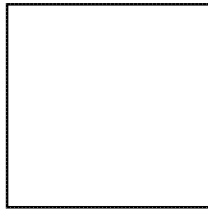
Executive Director

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[www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org)



On Mon, Feb 22, 2021 at 8:39 AM Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)> wrote:

Good morning Michelle,

Please fill out the attached request form and will try and coordinate this meeting soonest. Thanks!

Thierry Kabanda, MBA

Staff Assistant

EPA/Office of Air and Radiation

Office: (202)-564-8604

Cell: (202)-281-6537

---

**From:** Michelle Roos <[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)>

**Sent:** Tuesday, February 9, 2021 10:26 PM

**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>

**Cc:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>

**Subject:** Re: FW: congratulations!

Thank you so much! I was a career special assistant in the front office of OAR in 2001-2002 so I know how busy you must be!

We welcome the opportunity to speak with the new team and others they think would be a good fit for an initial meeting. We would love to talk about Resetting the Course of EPA, including our

papers on mobile sources and stationary sources, but we would be open to talking about other topics as well.

As background, the Environmental Protection Network (EPN) was launched in January 2017 to harness the expertise of former EPA career staff and political appointees – spanning multiple Republican and Democratic Administrations – to provide an informed and rigorous defense against the Trump administration’s efforts to undermine the protection of public health and the environment.

As a 501(c)(3) organization, EPN has worked in a variety of ways, including:

- Providing objective and/or scientific analysis of the Trump Administration's proposed budgets, proposed regulatory rollbacks, and other attacks on EPA's programs.
- Fielding numerous inquiries from the press, congressional staff and NGOs; and connecting them with our knowledgeable alumni network to provide background information and ground-truth investigative reports.

We also recently released *Resetting the Course of EPA*, with specific and actionable recommendations to help new EPA leadership recommit to the agency’s mission of protecting public health and the environment. Our summary report, letter of support signed by six former EPA administrators from both Republican and Democratic administrations, and 17 detailed papers focus on immediate, early, and long-term steps to reset the course of the agency.

Thank you for your consideration!

- Michelle

Michelle Roos

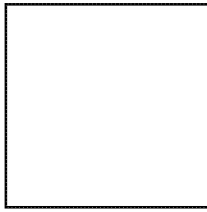
Executive Director

Environmental Protection Network

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646-361-6928 (cell)

[www.environmentalprotectionnetwork.org](http://www.environmentalprotectionnetwork.org)



On Tue, Feb 9, 2021 at 8:50 AM Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)> wrote:

Good morning,

Thank you very much for getting in touch with the Office of Air and Radiation. Acting Assistant Administrator Joe Goffman, Deputy Assistant Administrator Tomás Carbonell, and Deputy Assistant Administrator Alejandra Nunez are delighted by your interest in meeting with them and are eager to speak with you. We are in the process of developing a longer-term calendar and will keep your request and information on hand in anticipation of contacting you sometime in the next few weeks to respond fully to your request. Again, thank you for your interest and we look forward to connecting with you again in the near future.

Thierry Kabanda, MBA

Staff Assistant

EPA/Office of Air and Radiation

Office: (202)-564-8604

Cell: (202)-281-6537

---

**From:** Michelle Roos <[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)>

**Sent:** Thursday, February 4, 2021 11:09 PM

**To:** Nunez, Alejandra <[Nunez.Alejandra@epa.gov](mailto:Nunez.Alejandra@epa.gov)>

**Subject:** congratulations!

It was really wonderful meeting you in the interview process!

I was so excited to see you announced as DAA for Mobile Sources in OAR! Talk about being in the center of one of the most important issues for climate! (I don't know if I shared with you that I worked in the OAR front office as a career Special Assistant and then went to Region 9 where I founded the West Coast Collaborative - I'm all about mobile sources)

And, I don't know how I didn't realize that you connected with Jeff Alson, John Hannon and others in our network about EPN's recommendations to new EPA leadership to Reduce Emissions from Mobile Sources. And now YOU are new EPA leadership!

Alas, too many exclamation points for one email, but I'm really excited for you and for EPA.

Would you be interested in a call with Jeff, John and a few others to think through how we might be useful to you as you settle in?

- Michelle

Michelle Roos

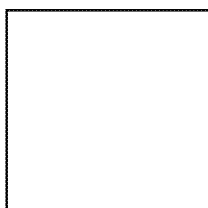
Executive Director

Environmental Protection Network

[michelle.roos@environmentalprotectionnetwork.org](mailto:michelle.roos@environmentalprotectionnetwork.org)

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## ***External Meeting Request Form for Alejandra Nunez***

Today's Date: 2/23/2021

Requesting Organization: Environmental Protection Network

Title of the Meeting: Meeting with the Environmental Protection Network

Purpose: Discuss EPN's recommendations presented in our[ [HYPERLINK](#)

# **Ex. 6 Personal Privacy (PP)**

Background: The [ [HYPERLINK "https://www.environmentalprotectionnetwork.org/" \h](https://www.environmentalprotectionnetwork.org/) ] was launched in January 2017 to harness the expertise of former EPA career staff and political appointees – spanning multiple Republican and Democratic Administrations – to provide an informed and rigorous defense against the Trump administration's efforts to undermine the protection of public health and the environment. We're now almost 550 EPA alum across the country, many from OAR/corresponding offices in the regions.

In August, we released recommendations for EPA leadership to[ [HYPERLINK "https://www.environmentalprotectionnetwork.org/reset/" \h](https://www.environmentalprotectionnetwork.org/reset/) ][ [HYPERLINK "https://www.environmentalprotectionnetwork.org/reset/" \h](https://www.environmentalprotectionnetwork.org/reset/bipartisan-administrators-support-to-reset-the-course-of-epa/) ]. The project was supported by a [ [HYPERLINK "https://www.environmentalprotectionnetwork.org/reset/bipartisan-administrators-support-to-reset-the-course-of-epa/" \h](https://www.environmentalprotectionnetwork.org/reset/bipartisan-administrators-support-to-reset-the-course-of-epa/) ] and contained [ [HYPERLINK "https://www.environmentalprotectionnetwork.org/reset/" \h](https://www.environmentalprotectionnetwork.org/reset/) ] "Details" \h ] on specific immediate, 100-day, and long-term actions on a variety of topics.

We are greatly encouraged by the steps EPA is already taking. Importantly, we are not trying to supplant the

advice of career staff. We believe the professionalism, expertise, and commitment of staff have been fundamental ingredients of EPA's most successful endeavors and will once again serve EPA leadership well in resetting the agency's course.

Rather, the EPA alumni who assembled the *Resetting the Course of EPA* had the opportunity to work together over the course of a year, and we now seek to shed light on some practical recommendations that we hope might be valuable in the work ahead.

Is this meeting related to ongoing litigation: No

Earliest possible date for the meeting: At your earliest convenience

Last possible date for the meeting: By the end of March

Is the meeting urgent and if so, why: We would like to be a resource early in this administration and support

Requested Time Length: 60 min

Have you met with anyone within EPA: Yes

Invitees: Joe Goffman, Alejandra Núñez, Tomás Carbonell and career leadership as determined by EPA. If this becomes too difficult to schedule, we are happy to split this into two different meetings, one with Alejandra on mobile sources and one with Tomás on stationary sources and it would be great to have Joe at either or both or at a separate/different time that works best for him.

External Participants: Michelle Roos, EPN Executive Director

Sebastian Irby, EPN Programs and Operations Manager

Jeremy Symons, consultant and former Climate Policy Advisor in OAR

Gay MacGregor, former senior policy advisor, OTAQ

Jeff Alson, former Senior Engineer and Policy Advisor, OTAQ

John Hannon, former Assistant General Counsel, Air and Radiation Law Office, EPA  
Office of General Counsel

John Bachmann, former Associate Director, Science/Policy and New Programs, OAQPS

Rob Brenner, former Director, Office of Policy Analysis and Review, OAR

Ellen Kurlansky, former Air Policy Analyst and Advisor, OAR

Teleconference Required: No

Video Conference Required: Yes

Point of Contact for the Meeting: please correspond with Michelle Montoya  
(michelle.montoya@environmentalprotectionnetwork.org) and Sebastian Irby  
(sebastian.irby@environmentalprotectionnetwork.org)

\*\*\*Please email this form back to OAR\_Invitations@epa.gov\*\*\*

## Appointment

---

**From:** Frey, Christopher [Frey.Christopher@epa.gov]  
**Sent:** 3/4/2021 8:31:57 PM  
**To:** Frey, Christopher [Frey.Christopher@epa.gov]; Hubbell, Bryan [Hubbell.Bryan@epa.gov]; Cascio, Wayne [cascio.wayne@epa.gov]; Holt, Kay [Holt.Kay@epa.gov]; Sacks, Jason [Sacks.Jason@epa.gov]; Widener, Kelly [Widener.Kelly@epa.gov]; Vandenberg, John [Vandenberg.John@epa.gov]; Rodan, Bruce [rodan.bruce@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Perlmutter, Lars [perlmutter.lars@epa.gov]; Baker, Kirk [Baker.Kirk@epa.gov]; Jones, Samantha [Jones.Samantha@epa.gov]; Gentry, Nathan [Gentry.Nathan@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]  
**CC:** Matney, Rachel [Matney.Rachel@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**Subject:** Briefing: Wildland Fire Leadership Council (WFLC) report  
**Attachments:** CAIF Report to WFLC - Frey Briefing - 20210315 - FINAL .pptx  
**Location:** Microsoft Teams Meeting  
**Start:** 3/15/2021 8:00:00 PM  
**End:** 3/15/2021 9:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Hubbell, Bryan; Cascio, Wayne; Holt, Kay; Sacks, Jason; Widener, Kelly; Vandenberg, John; Rodan, Bruce; Orme-Zavaleta, Jennifer; Goffman, Joseph; Carbonell, Tomas; Nunez, Alejandra; Koerber, Mike; Sasser, Erika; Wayland, Richard; Perlmutter, Lars; Baker, Kirk; Jones, Samantha; Gentry, Nathan; Tsirigotis, Peter  
**Optional Attendees:** Rachel Matney (Matney.Rachel@epa.gov); Kim, Eun

Informational briefing on the Wildland Fire Leadership Council (WFLC) report (prep for the joint ORD/OAR meeting on Thursday 3/25).

# Ex. 5 Deliberative Process (DP)

## Microsoft Teams meeting

### Join on your computer or mobile app

[Click here to join the meeting](#)

### Or call in (audio only)

**Ex. 6 Personal Privacy (PP)** # United States, Washington DC

Phone Conference ID: **Ex. 6 Personal Privacy (PP)** #

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## Appointment

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**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 3/3/2021 4:31:38 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Josh Lewis (Lewis.Josh@epa.gov) [Lewis.Josh@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hutson, Nick [Hutson.Nick@epa.gov]; Swanson, Nicholas [Swanson.Nicholas@epa.gov]; Fellner, Christian [Fellner.Christian@epa.gov]; Werner, Christopher [Werner.Christopher@epa.gov]; Honda, Gregory [honda.gregory@epa.gov]; King, Melanie [King.Melanie@epa.gov]; Johnson, Mary [Johnson.Mary@epa.gov]; Thompson, Lisa [Thompson.Lisa@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Keaveny, Brian [Keaveny.Brian@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Santiago, Juan [Santiago.Juan@epa.gov]; Vetter, Cheryl [Vetter.Cheryl@epa.gov]; Baker, Sarah [baker.sarah@epa.gov]; Sugerik, Corey [Sugerik.Corey@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Ashley, Jackie [Ashley.Jackie@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Rao, Raj [Rao.Raj@epa.gov]; Svendsgaard, Dave [Svendsgaard.Dave@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Gates, Adrian [gates.adrian@epa.gov]  
**Subject:** Natural Gas Utilization and GHG Emissions at Electric Generating Units  
**Attachments:** BRIEFING MATERIALS: March 4 Goffman Briefing: Primary Copper Smelting RTR Proposal Rule - Informational Briefing  
**Location:** Microsoft Teams Meeting  
**Start:** 3/9/2021 8:00:00 PM  
**End:** 3/9/2021 8:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Josh Lewis (Lewis.Josh@epa.gov); Lassiter, Penny; Cozzie, David; South, Peter; McLamb, Marguerite; Hutson, Nick; Swanson, Nicholas; Fellner, Christian; Werner, Christopher; Honda, Gregory; King, Melanie; Johnson, Mary; Thompson, Lisa; Sasser, Erika; Weatherhead, Darryl; Keaveny, Brian; Mathias, Scott; Santiago, Juan; Vetter, Cheryl; Baker, Sarah; Sugerik, Corey; Wayland, Richard; Wood, Anna; Noonan, Jenny; Ashley, Jackie; Fruh, Steve; Marsh, Karen; Hambrick, Amy; Rao, Raj; Svendsgaard, Dave; Grundler, Christopher; Harvey, Reid; Gunning, Paul; Stenhouse, Jeb; DeFigueiredo, Mark; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Hogan, Stephanie; Vijayan, Abi; Hoffman, Howard; Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Gates, Adrian



BRIEFING  
MATERIALS: Ma...

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## Microsoft Teams meeting

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Scavo, Kimber [Scavo.Kimber@epa.gov]; Blubaugh, Jim [Blubaugh.Jim@epa.gov]; Veal, Lee [Veal.Lee@epa.gov]; Diaz, Charlene [diaz.charlene@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Almodovar, Paul [Almodovar.Paul@epa.gov]; Gibson, Benjamin [gibson.benjamin@epa.gov]; Pinder, Robert [pinder.robert@epa.gov]; Voorhees, Scott [Voorhees.Scott@epa.gov]; Landis, Elizabeth [Landis.Elizabeth@epa.gov]; Wheeler, Carrie [Wheeler.Carrie@epa.gov]; Henderson, Barron [Henderson.Barron@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 6:45:00 PM  
**End:** 2/11/2021 7:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne; Scavo, Kimber; Blubaugh, Jim; Veal, Lee; Diaz, Charlene; Sasser, Erika; Sara Terry (Terry.Sara@epa.gov); Almodovar, Paul; Gibson, Benjamin; Pinder, Robert; Voorhees, Scott; Landis, Elizabeth; Wheeler, Carrie; Henderson, Barron; Fox, Tyler



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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<p align="center"><b>[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form For Joe Goffman</b></p>
---

**Date of this Request:** 2/4/2021

**Scheduling Point of Contact:** Henry Ferland

**Technical Point of Contact:** Henry Ferland

**Subject: International Briefing for new OAR Political Team (Joe/Ale/Tomas)**

**Purpose:**

*Provide an overview of the portfolio of international work that OAR engages in with a focus on key upcoming events that will likely require some level of IO engagement or review of key documents (via interagency policy committee meetings, communique reviews, climate policy proposals etc.)*

**First possible date for meeting:** Thursday 2/11

**Last possible date for meeting:** No specific deadline, but sooner than later preferred

**Duration:** 1 hour

**Requested Audio / Video** (Mark with "X" appropriate communication line)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions) – HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

Office/Org Name (Last, First)

OAP Office Director – Chris Grundler (and any folks he wants to designate)

ORIA Office Director – Jonathan Edwards (and any folks he wants to designate)

OTAQ Office Director – Sarah Dunham (and any folks she wants to designate)

OAQPS Office Director – Peter Tsirigotis (and any folks she wants to designate)

Joe Goffman

Alejandra Nunez

Tomas Carbonell

John Shoaff

Henry Ferland

Leif Hockstad

Optional: Betsy & Ann Campbell

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 9:43:10 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Vetter, Cheryl [Vetter.Cheryl@epa.gov]; Rao, Raj [Rao.Raj@epa.gov]; Torres, Elineth [Torres.Elineth@epa.gov]; Truesdell, Raymond [truesdell.raymond@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Shrager, Brian [Shrager.Brian@epa.gov]; McGinn, Kevin [mcginn.kevin@epa.gov]; Sorrels, Larry [Sorrels.Larry@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Cortelyou-Lee, Jan [Cortelyou-Lee.Jan@epa.gov]; Castro, Grecia [Castro.Grecia@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Jordan, Scott [Jordan.Scott@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Culligan, Kevin [culligan.kevin@epa.gov]; South, Peter [South.Peter@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Mataway-Novak, Dylan [Mataway-Novak.Dylan@epa.gov]  
**Subject:** Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Attachments:** Meeting Request for Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 8:00:00 PM  
**End:** 2/25/2021 8:45:00 PM  
**Show Time As:** Busy  
  
**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Lassiter, Penny; Cozzie, David; Sasser, Erika; Weatherhead, Darryl; Wayland, Robertj; Vetter, Cheryl; Rao, Raj; Torres, Elineth; Truesdell, Raymond; Conner, Lisa; Shrager, Brian; McGinn, Kevin; Sorrels, Larry; Chan, Elizabeth; Mills, Kathy; Cortelyou-Lee, Jan; Castro, Grecia; anderson, lea; Jordan, Scott; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Kim, Eun  
**Optional Attendees:** Culligan, Kevin; South, Peter; Senter, Stephen; McLamb, Marguerite; Jones, Rhea; Brown, Annette; Joseph, Wanda; Eck, Janet; Mataway-Novak, Dylan



Meeting Request  
for Reclassificati...

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**[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form  
For Joseph Goffman**

Do not use bold, highlight or underline text that you enter.

**Date of this Request:** 02/08/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Penny Lassiter 919-541-5396

**Lead Technical Point of Contact:** Elineth Torres 919-541-4347

**Subject:** Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)

**Purpose:** Provide an overview of the final MM2A and discuss considerations per Executive Order on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: \_\_/\_\_/\_\_;
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( \_\_ days review); OMB: \_\_/\_\_/\_\_ ( \_\_ days review);
- Legal deadline: Settlement agreement due date is \_\_/\_\_/\_\_.
- Other firm deadline

(Only list one date for first possible date; and one date for last possible date for meetings):

**First possible date for meeting:** 02/22/2021

**Last possible date for meeting:** 02/25/2021

**Duration:** 1 hr

**Requested Audio / Video** (Mark with "X" if requested)

  X   **Video Location(s):** Microsoft Office Teams

*List video locations needed (e.g., Microsoft Office Teams, RTP, DC, Regions)– HQ will set up a bridge if needed*

       **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

       **Non-HQ Conference Line:**

*If you plan to use a non-HQ conference line, include it here*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

*Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are Cc:*

Office/Org

Name (Last, First)

OAR

Carbonell Tomás; Campbell, Ann

OAQPS

Tsirigotis, Peter; Koerber, Mike; Lassiter, Penny; Cozzie, David; Sasser, Erika; Weatherhead, Darryl; Wayland, Robertj; Vetter, Cheryl; Rao, Raj; Torres, Elineth; Truesdell, Raymond; Conner, Lisa; Shrager, Brian; McGinn, Kevin; Sorrels, Larry; Chan, Elizabeth; Mills, Kathy; Cortelyou-Lee, Jan; Castro, Grecia

OGC

Anderson, Lea; Jordan, Scott

Cc: Culligan, Kevin; South, Pete; Senter, Stephen; McLamb, Marguerite;  
Jones, Rhea

Schedulers to Cc: Brown Annette; Joseph, Wanda; Eck, Janet

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.  
Revised 1/2021

## Appointment

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**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 3/3/2021 4:31:38 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Josh Lewis (Lewis.Josh@epa.gov) [Lewis.Josh@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hutson, Nick [Hutson.Nick@epa.gov]; Swanson, Nicholas [Swanson.Nicholas@epa.gov]  
**Subject:** Natural Gas Utilization and GHG Emissions at Electric Generating Units  
**Attachments:** BRIEFING MATERIALS: March 4 Goffman Briefing: Primary Copper Smelting RTR Proposal Rule - Informational Briefing  
**Location:** Microsoft Teams Meeting  
**Start:** 3/9/2021 8:00:00 PM  
**End:** 3/9/2021 8:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Josh Lewis (Lewis.Josh@epa.gov); Lassiter, Penny; Cozzie, David; South, Peter; McLamb, Marguerite; Hutson, Nick; Swanson, Nicholas



BRIEFING  
MATERIALS: Ma...

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## Appointment

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**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 10:30:00 PM  
**End:** 2/17/2021 11:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Scott Mathias (Mathias.Scott@epa.gov); 'vera kornylak'



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 9:43:10 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov] [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Vetter, Cheryl [Vetter.Cheryl@epa.gov]; Rao, Raj [Rao.Raj@epa.gov]; Torres, Elineth [Torres.Elineth@epa.gov]; Truesdell, Raymond [truesdell.raymond@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Shrager, Brian [Shrager.Brian@epa.gov]; McGinn, Kevin [mcginn.kevin@epa.gov]; Sorrels, Larry [Sorrels.Larry@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Cortelyou-Lee, Jan [Cortelyou-Lee.Jan@epa.gov]; Castro, Grecia [Castro.Grecia@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Jordan, Scott [Jordan.Scott@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Culligan, Kevin [culligan.kevin@epa.gov]; South, Peter [South.Peter@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Attachments:** Meeting Request for Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 8:00:00 PM  
**End:** 2/25/2021 8:45:00 PM  
**Show Time As:** Busy  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Lassiter, Penny; Cozzie, David; Sasser, Erika; Weatherhead, Darryl; Wayland, Robertj; Vetter, Cheryl; Rao, Raj; Torres, Elineth; Truesdell, Raymond; Conner, Lisa; Shrager, Brian; McGinn, Kevin; Sorrels, Larry; Chan, Elizabeth; Mills, Kathy; Cortelyou-Lee, Jan; Castro, Grecia; anderson, lea; Jordan, Scott; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Kim, Eun  
**Optional Attendees:** Culligan, Kevin; South, Peter; Senter, Stephen; McLamb, Marguerite; Jones, Rhea; Brown, Annette; Joseph, Wanda; Eck, Janet



Meeting Request  
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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet



RE: Status of  
Meeting Request...

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Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/5/2021 10:45:55 PM  
**BCC:** Tsirigotis.Peter@epa.gov  
**Subject:** 886979a5 Ex. 6 Personal Privacy (PP)

Dear Appointees,

## Ex. 5 Deliberative Process (DP)

This event will take place at 6PM ET on Friday, March 5. The event will not be recorded.

Please register at the Zoom RSVP link below.

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<https://science-doe.zoomgov.com/> Ex. 6 Personal Privacy (PP)

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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]

**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn



RE: Meeting requests for Tomas

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/1/2021 4:54:38 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; McConnell, Robert [mcconnell.robert@epa.gov]; Simcox, Alison [simcox.alison@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]

**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting

**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kim, Eun  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette; McConnell, Robert; Simcox, Alison; Marks, Matthew; Murray, Beth; Eyth, Alison; Houyoux, Marc



Meeting requests  
for Tomas: Ozone...

Joe is invited to attend. Time permitting.

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Scavo, Kimber [Scavo.Kimber@epa.gov]; Blubaugh, Jim [Blubaugh.Jim@epa.gov]; Veal, Lee [Veal.Lee@epa.gov]; Diaz, Charlene [diaz.charlene@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Almodovar, Paul [Almodovar.Paul@epa.gov]; Gibson, Benjamin [gibson.benjamin@epa.gov]; Pinder, Robert [pinder.robert@epa.gov]; Voorhees, Scott [Voorhees.Scott@epa.gov]; Landis, Elizabeth [Landis.Elizabeth@epa.gov]; Wheeler, Carrie [Wheeler.Carrie@epa.gov]; Henderson, Barron [Henderson.Barron@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne; Scavo, Kimber; Blubaugh, Jim; Veal, Lee; Diaz, Charlene; Sasser, Erika; Sara Terry (Terry.Sara@epa.gov); Almodovar, Paul; Gibson, Benjamin; Pinder, Robert; Voorhees, Scott; Landis, Elizabeth; Wheeler, Carrie; Henderson, Barron; Fox, Tyler



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Koh, Eunjee [koh.eunjee@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Koh, Eunjee; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov)



Request for  
International Brie...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet



RE: Status of  
Meeting Request...

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Message

---

**From:** Goffman.Joseph@epa.gov [Goffman.Joseph@epa.gov]  
**Sent:** 2/12/2021 7:27:24 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]  
**Subject:** Re: NGO Calls

Oh. Now she asks! ; - )

Sent from my iPhone

On Feb 12, 2021, at 2:19 PM, Rakosnik, Delaney <rakosnik.delaney@epa.gov> wrote:

Joe – just talked to Rosemary. Can you offer her 3 or 4 lines (talking points) about what she needs to discuss with the NGOs?

---

**From:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Sent:** Friday, February 12, 2021 1:20 PM  
**To:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: NGO Calls

Thanks very much, Delaney. I am content to let Rosemary do this. Makes sense.

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency

---

**From:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Sent:** Friday, February 12, 2021 1:18 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Subject:** FW: NGO Calls

Below is the list that Rosemary will reach out to. Please let me know if you'd like to talk to any of these entities by yourself.

- Climate Action Campaign
- Sierra Club
- National Wildlife Federation
- League of Conservation Voters
- Natural Resources Defense Council
- Environmental Defense Fund
- EarthJustice
- Union of Concerned Scientist
- American Lung Association
- WeAct
- California Environmental Justice Alliance
- NAACP

- Evangelical Environmental Network
- National Religious Partnerships for the Environment

---

**From:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Sent:** Friday, February 12, 2021 1:03 PM  
**To:** Enobakhare, Rosemary <[Enobakhare.Rosemary@epa.gov](mailto:Enobakhare.Rosemary@epa.gov)>  
**Subject:** NGO Calls

Hi Rosemary,

Can you please plan on taking NGO calls for ACE today at 2:30-3:30? We want to 'drop the pen' on this by 4pm.

Many thanks!!

Delaney Rakosnik  
Staff Assistant  
Immediate Office of the Assistant Administrator  
Office of Air and Radiation, USEPA  
Room 5406A, 1200 Pennsylvania Avenue NW  
Washington, DC 20460  
Voice: 202-564-0935  
Email: [rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda; Grundler, Christopher; Kocchi, Suzanne  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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**[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form  
For Joseph Goffman**

**Date of this Request:** 2/8/2021

**Scheduling Point of Contact:** Annette Brown, 919-541-0532

**Technical Point of Contact:** Penny Lassiter, 919-541-5396

**Lead Technical Point of Contact:** Amy Hambrick 919-541-0964, Karen Marsh 919-541-1065,

**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting

**Purpose:** Biweekly meetings to discuss relevant topics related to the O&G sector in response to the January 20, 2021, Executive Order (EO) on Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: \_\_/\_\_/\_\_;
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: Settlement agreement due date is \_\_/\_\_/\_\_.
- Other firm deadline: EO tasks EPA to propose rulemaking by September 2021.

**First possible date for meeting:** 2/8/2021

**Last possible date for meeting:** Recurring biweekly

**Duration:** 30 minutes

**Requested Audio / Video** (Mark with "X" if requested)

  X   **Video Location(s):**

*List video locations needed (e.g., Microsoft Office Teams, RTP, DC, Regions)– HQ will set up a bridge if needed*

       **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

       **Non-HQ Conference Line:**

*If you plan to use a non-HQ conference line, include it here*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

*Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are Cc:*

Office/Org

Name (Last, First)

OAR

Carbonell, Tomas; Campbell, Ann;

OAQPS:

Tsirigotis, Peter; Koerber, Mike; Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; MacPherson, Alex; Weatherhead, Darryl; Shappley, Ned;

OAP:

Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin

OGC:

Marks, Mathew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek

Cc:

Senter, Stephen

Schedulers to Cc: Brown Annette; Joseph, Wanda;

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.  
Revised 1/2021

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Scavo, Kimber [Scavo.Kimber@epa.gov]; Blubaugh, Jim [Blubaugh.Jim@epa.gov]; Veal, Lee [Veal.Lee@epa.gov]; Diaz, Charlene [diaz.charlene@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne; Scavo, Kimber; Blubaugh, Jim; Veal, Lee; Diaz, Charlene



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Koh, Eunjee [koh.eunjee@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]

**Subject:** International Briefing Meeting

**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)

**Location:** Microsoft Teams Meeting

**Start:** 2/11/2021 7:00:00 PM

**End:** 2/11/2021 7:45:00 PM

**Show Time As:** Busy

**Required Attendees:** Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Koh, Eunjee; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/1/2021 4:54:38 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; McConnell, Robert [mcconnell.robert@epa.gov]; Simcox, Alison [simcox.alison@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]

**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting

**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette; McConnell, Robert; Simcox, Alison; Marks, Matthew; Murray, Beth; Eyth, Alison; Houyoux, Marc



Meeting requests  
for Tomas: Ozone...

Joe is invited to attend. Time permitting.

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 9:43:10 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Vetter, Cheryl [Vetter.Cheryl@epa.gov]; Rao, Raj [Rao.Raj@epa.gov]; Torres, Elineth [Torres.Elineth@epa.gov]; Truesdell, Raymond [truesdell.raymond@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Shrager, Brian [Shrager.Brian@epa.gov]; McGinn, Kevin [mcginn.kevin@epa.gov]; Sorrels, Larry [Sorrels.Larry@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Cortelyou-Lee, Jan [Cortelyou-Lee.Jan@epa.gov]; Castro, Grecia [Castro.Grecia@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Jordan, Scott [Jordan.Scott@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]  
**CC:** Culligan, Kevin [culligan.kevin@epa.gov]; South, Peter [South.Peter@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]  
**Subject:** Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Attachments:** Meeting Request for Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 8:00:00 PM  
**End:** 2/25/2021 8:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Lassiter, Penny; Cozzie, David; Sasser, Erika; Weatherhead, Darryl; Wayland, Robertj; Vetter, Cheryl; Rao, Raj; Torres, Elineth; Truesdell, Raymond; Conner, Lisa; Shrager, Brian; McGinn, Kevin; Sorrels, Larry; Chan, Elizabeth; Mills, Kathy; Cortelyou-Lee, Jan; Castro, Grecia; anderson, lea; Jordan, Scott; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew  
**Optional Attendees:** Culligan, Kevin; South, Peter; Senter, Stephen; McLamb, Marguerite; Jones, Rhea; Brown, Annette; Joseph, Wanda; Eck, Janet



Meeting Request  
for Reclassificati...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov)



Request for  
International Brie...

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 4:29:35 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Timin, Brian [Timin.Brian@epa.gov]; Stein, Joseph [stein.joseph@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Garfinkle, Stacey [garfinkle.stacey@epa.gov]; Daly, Carl [Daly.Carl@epa.gov]; Morales, Monica [Morales.Monica@epa.gov]; Jackson, Scott [Jackson.Scott@epa.gov]; Talbert, Stephanie [Talbert.Stephanie@epa.gov]; Worstell, Aaron [Worstell.Aaron@epa.gov]; Dobrahner, Jaslyn [Dobrahner.Jaslyn@epa.gov]; Thomas, Deb [thomas.debrah@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** Wyoming's RH first planning period SIP for the Wyodak and Jim Bridger facilities  
**Attachments:** Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 7:00:00 PM  
**End:** 2/25/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera S.; Palma, Elizabeth; Timin, Brian; Stein, Joseph; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Hogan, Stephanie; Garfinkle, Stacey; Daly, Carl; Morales, Monica; Jackson, Scott; Talbert, Stephanie; Worstell, Aaron; Dobrahner, Jaslyn; Thomas, Deb  
**Optional Attendees:** Senter, Stephen; Brown, Annette



Meeting requests  
for Tomas

---

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Message

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**From:** Senter, Stephen [Senter.Stephen@epa.gov]  
**Sent:** 2/8/2021 3:26:57 PM  
**To:** Kabanda, Thierry [Kabanda.Thierry@epa.gov]  
**CC:** Campbell, Ann [Campbell.Ann@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** Meeting requests for Tomas  
**Attachments:** OAR Deputy AA Meeting Request\_Recently Signed Region 4 SIP Actions.docx; OAR Deputy AA Meeting Request\_Followup on Region 8 Haze Actions.docx; OAR Deputy AA Meeting Request O3D Remand.docx; OAR Deputy AA Meeting Request\_Rd4 SO2 Designations\_02-03-21.docx

Hi Thierry, please see the attached meeting requests for Tomas for the following meetings:

- Recently Signed SIP Actions: Region 4 Actions Identified as Needing Additional Discussion
- Revised Air Quality Designations for the 2015 Ozone NAAQS
- Air Quality Designations for the 2010 SO2 NAAQS - Round 4
- Wyoming's RH first planning period SIP for the Wyodak and Jim Bridger facilities.

Please let me know if you have any questions.

Thanks,

Stephen Senter  
U.S. Environmental Protection Agency  
Office of Air Quality Planning and Standards  
(919) 541-3042

<p align="center"><b>[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form For Deputy OAR AA</b></p>
---

**Date of this Request:** 2/3/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Scott Mathias 919-541-5310

**Subject:** Recently Signed Regional State Implementation Plan Actions: Region 4 Actions Identified as Needing Additional Discussion (Final Rule- Multi-State 2015 8-hour Ozone Infrastructure - Interstate Transport; Final Rule- Hamilton Co. and Middle TN I/M removal 110(l))

**Purpose:** The purpose of this meeting is to have further discussion on two Region 4 actions that were identified as needing additional conversation to determine next steps. Both actions were signed by the Region 4 Regional Administrator but returned from EPA's Office of Policy.

- Next ADP Milestone:
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: (specify court-ordered, settle agreement, court promise, etc.) due date \_\_/\_\_/\_\_;
- Other firm deadline:

**First possible date for meeting:** 2/8/2021

**Last possible date for meeting:** 2/19/2021

**Duration:** 1 hour

**Requested Audio / Video** (Mark with "X" appropriate communication line)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. Last, First):**

<u>Office/Org</u>	<u>Name (Last, First)</u>
OAR	Carbonell, Tomás; Goffman, Joe; Campbell, Ann
OAQPS:	Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera S; Palma, Elizabeth; Brachtl, Megan; Lingard, Robert; Selbst, Elizabeth; Uher, Thomas
OGC:	Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily
OTAQ:	Simon, Karl; Patulski, Meg
Region 4:	Freeman, Caroline; Benjamin, Lynorae
Schedulers to Cc:	Senter, Stephen; Brown, Annette

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting

Revised 1/2021

**[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form  
For Joe Goffman**

**Date of this Request:** 2/3/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Scott Mathias 919-541- 5310

**Subject:** Revised Air Quality Designations for the 2015 Ozone National Ambient Air Quality Standards

**Purpose:** Overview of July 10, 2020, court decision that remanded the ozone designations for certain areas and EPA's response to this remand. (The EPA Administrator signed the final action on January 19, 2021, but it was not forwarded to the OFR for publication in the *Federal Register*.)

- Next ADP Milestone:
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( \_ days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: (specify court-ordered, settle agreement, court promise, etc.) due date \_\_/\_\_/\_\_;
- Other firm deadline: The Court required EPA to "issue revised designations as expeditiously as practicable." The attainment date for affected areas is August 3, 2021, including those which we expanded the nonattainment area boundaries in the remand.

**First possible date for meeting:** 2/16/2021

**Last possible date for meeting:** 3/2/2021

**Duration:** 45 minutes

**Requested Audio / Video** (Mark with "X" appropriate communication line)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. *Last, First*):**

<u>Office/Org</u>	<u>Name (<i>Last, First</i>)</u>
OAR	Carbonell, Tomás; Goffman, Joe; Campbell, Ann
OAQPS:	Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera; Palma, Elizabeth; Oldham, Carla; Scott, Denise; Leith, Andrew; Brachtel, Megan; Lingard, Robert; Wayland, Richard; Rice, Joann; Simon, Heather; Naess, Liz; Benedict, Kristen
OGC:	Hoffer, Melissa; Seidman, Emily; Buchsbaum, Seth; Ting, Kaytrue; Srinivasan, Gautam
OTAQ:	Patulski, Meg
Regional ADDs:	Mooney, John; Garcia, David; Bhesania, Amy; Daly, Carl; Morales, Monica
Regional APMs:	Aburano, Douglas; Donaldson, Guy; Hawkins, Andy; Jackson, Scott
Schedulers to Cc:	Senter, Stephen; Brown, Annette

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting  
Revised 1/2021

**[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form  
For Deputy OAR AA**

**Date of this Request:** 02/03/2021

**Scheduling Point of Contact:** Annette Brown 919-541-0532

**Technical Point of Contact:** Scott Mathias 919-541-5310

**Subject:** Air Quality Designations for the 2010 Primary Sulfur Dioxide (SO<sub>2</sub>) National Ambient Air Quality Standard - Round 4

**Purpose:** Summarize EPA's final Round 4 nonattainment area designations for the 2010 1-hour SO<sub>2</sub> NAAQS and highlight potential risks. (The EPA Administrator signed the final action on December 21, 2020, but it did not publish in the *Federal Register*.)

- Next ADP Milestone:
- If applicable, due date to: OP \_\_/\_\_/\_\_ ( days review); OMB: \_\_/\_\_/\_\_ ( days review);
- Legal deadline: The consent decree deadline for signing the final designations was 12/31/2020.
- Other firm deadline: In the final action, EPA identified April 30, 2021 as the effective date for the designations, so the notice would need to publish in the *Federal Register* by March 30, 2021.

**First possible date for meeting:** 02/08/2021

**Last possible date for meeting:** 02/19/2021

**Duration:** 45 minutes

**Requested Audio / Video** (*Mark with "X" appropriate communication line*)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed*

  X   **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. *Last, First*):**

<u>Office/Org</u>	<u>Name (<i>Last, First</i>)</u>
OAR:	Carbonell Tomás; Goffman, Joe; Campbell, Ann
OAQPS:	Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera; Palma, Elizabeth; Mocka, Corey; Wayland, Richard; Naess, Liz; Hawes, Todd; Fox, Tyler; Tillerson, Clint; Watkins; Nealson
OGC:	Hoffer, Melissa; Seidman, Emily; Thrift, Mike; Srinivasan, Gautam
Regional ADDs:	Hamjian, Lynne; Ruvo, Richard; Fernandez, Cristina; Freeman, Caroline; Mooney, John; Garcia, David; Skelley, Dana; Daly, Carl; Adams, Elizabeth; Viswanathan, Krishna
Schedulers to Cc:	Senter, Stephen; Brown, Annette;

**HQ Meeting Briefing Materials:** Must provide to OAQPS IO by 5:00pm, 2 days before meeting

Revised 1/2021

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov)



Request for  
International Brie...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/12/2021 2:16:40 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Rachel Miller [rmiller@forbes-tate.com]  
**Subject:** General Discussion with Rachel Miller (Forbes Tate Partners) re: Climate  
**Location:** Microsoft Teams Meeting  
**Start:** 2/19/2021 6:00:00 PM  
**End:** 2/19/2021 6:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Rachel Miller

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Message

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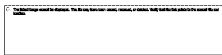
**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/9/2021 3:25:35 PM  
**BCC:** Tsirigotis, Peter@epa.gov  
**Subject:** 886979a5 Ex. 6 Personal Privacy (PP)

**Purpose:** Meet to discuss two CRA issues of interest to the climate team:

- 1) The methane rescission rule
- 2) The CAA cost benefit rule.

**Attendees:**

- Gina McCarthy
- Ali Zaidi
- David Hayes
- Christopher Slevin
- Jonathan Black
- Megan Ceronsky
- Shuwanza Goff
- Reema Dodin
- Dan Utech
- Joseph Goffman
- Melissa Hoffer



Hi there,

Regina McCarthy is inviting you to a scheduled ZoomGov meeting.

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Meeting  
URL:  
Meeting  
ID:  
Passcode: 600409

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Dial:

Meeting  
ID:

Passcode

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International numbers

**Join from an H.323/SIP room system**

H.323:

Meeting  
ID:

Passcode

SIP:

Passcode

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com

## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]; Damberg, Rich [Damberg.Rich@epa.gov]  
**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 7:00:00 PM  
**End:** 3/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael; Damberg, Rich



Meeting Request  
for Tomás Carbo...

This meeting is optional for Joe.

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Senter, Stephen; Brown, Annette



RE: Meeting requests for Tomas

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/19/2021 3:53:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]  
**Subject:** General Discussion with Dave Tenny re: Climate Change  
**Location:** Microsoft Teams Meeting  
**Start:** 2/19/2021 9:00:00 PM  
**End:** 2/19/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Dave Tenny

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Ndoh, Tina



RE: Status of  
Meeting Request...

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 2:46:19 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Fann, Neal [Fann.Neal@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Maniloff, Peter [Maniloff.Peter@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Davidson, Ken [Davidson.Ken@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Mozingo, Kristal [Mozingo.Kristal@epa.gov]  
**CC:** Kelly, James [kelly.james@epa.gov]; Simon, Heather [Simon.Heather@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]  
**Subject:** Health Benefits Approach for PM2.5 and Ozone  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
  
**Start:** 2/17/2021 8:15:00 PM  
**End:** 2/17/2021 9:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Sasser, Erika; Wayland, Richard; Wayland, Robertj; Weatherhead, Darryl; Fann, Neal; Chan, Elizabeth; Maniloff, Peter; Macpherson, Alex; Dolwick, Pat; Kamal, Ali; Davidson, Ken; Hoffer, Melissa; Senter, Stephen; Sara Terry (Terry.Sara@epa.gov); Brown, Annette; Mozingo, Kristal  
**Optional Attendees:** Kelly, James; Simon, Heather; Fox, Tyler



RE: Status of  
Meeting Request...

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Message

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/3/2021 9:25:05 PM  
**BCC:** Campbell.Ann@epa.gov  
**Subject:** 886979a5-dc61-4130-9C9C-Ex. 6 Personal Privacy (PP)

Dear Appointees,

The Biden-Harris Administration's Climate Cluster invites you to join us for our All Climate First Friday and Women's History Month event with Rachel Wallace (White House Office of Presidential Personnel) and the Department of Energy's Secretary Jennifer Granholm as well as a climate messaging training with outside partners at LCV and ClimatePower. We'll learn how we can speak most persuasively to Americans about President Biden's ambitious agenda on climate change.

This event will take place at 6PM ET on Friday, March 5. The event will not be recorded.

Please register at the Zoom RSVP link below.

Join ZoomGov Meeting

[https://science-doe.zoomgov.com/join/886979a5-dc61-4130-9C9C-Ex. 6 Personal Privacy \(PP\)](https://science-doe.zoomgov.com/join/886979a5-dc61-4130-9C9C-Ex. 6 Personal Privacy (PP))

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 2:46:19 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Fann, Neal [Fann.Neal@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Maniloff, Peter [Maniloff.Peter@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Davidson, Ken [Davidson.Ken@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Mozingo, Kristal [Mozingo.Kristal@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]  
**CC:** Kelly, James [kelly.james@epa.gov]; Simon, Heather [Simon.Heather@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]  
**Subject:** Health Benefits Approach for PM2.5 and Ozone  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 8:15:00 PM  
**End:** 2/17/2021 9:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Sasser, Erika; Wayland, Richard; Wayland, Robertj; Weatherhead, Darryl; Fann, Neal; Chan, Elizabeth; Maniloff, Peter; Macpherson, Alex; Dolwick, Pat; Kamal, Ali; Davidson, Ken; Hoffer, Melissa; Senter, Stephen; Sara Terry (Terry.Sara@epa.gov); Brown, Annette; Mozingo, Kristal  
**Optional Attendees:** Kelly, James; Simon, Heather; Fox, Tyler; Sargeant, Kathryn



RE: Status of  
Meeting Request...

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**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]

**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy

**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda; Grundler, Christopher; Kocchi, Suzanne; Davis, Alison  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Scavo, Kimber [Scavo.Kimber@epa.gov]; Blubaugh, Jim [Blubaugh.Jim@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne; Scavo, Kimber; Blubaugh, Jim



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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## Appointment

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**From:** Kabanda, Thierry [Carbonell.Tomas@epa.gov]  
**Sent:** 3/3/2021 2:37:07 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]

**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 3/3/2021 6:15:00 PM  
**End:** 3/3/2021 7:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth



RE: Meeting requests for Tomas

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Scavo, Kimber [Scavo.Kimber@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]

**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting

**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne; Scavo, Kimber



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

---

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## Appointment

---

**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 1/29/2021 8:46:20 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**CC:** DeLuca, Isabel [DeLuca.Isabel@epa.gov]  
**Subject:** HOLD || Royal Institute of Foreign Affairs  
**Attachments:** RE: Invitation to Speak at the Royal Institute of Foreign Affairs Virtual Conference on Energy Transitions  
**Location:** TBD  
**Start:** 3/19/2021 12:00:00 PM  
**End:** 3/19/2021 2:00:00 PM  
**Show Time As:** Busy

**Optional Attendees:** DeLuca, Isabel



RE: Invitation to  
Speak at the Roy...

Message

---

**From:** Millett, John [Millett.John@epa.gov]  
**Sent:** 1/28/2021 11:25:27 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]  
**CC:** DeLuca, Isabel [DeLuca.Isabel@epa.gov]  
**Subject:** RE: Invitation to Speak at the Royal Institute of Foreign Affairs Virtual Conference on Energy Transitions

It must've been cropped –

Please find attached to this email a formal invite letter for Mr Goffman as well as the thematic agenda for the event. We would be honoured if Mr Goffman would speak on the session *Unproven Technologies: The Way Forward?* which is the fourth session of the event and will be taking place at 13.30-14.30 GMT on Friday 19<sup>th</sup> March.

Morning for us – 8:30 or 9:30?

---

**From:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Sent:** Thursday, January 28, 2021 6:22 PM  
**To:** Millett, John <Millett.John@epa.gov>  
**Cc:** DeLuca, Isabel <DeLuca.Isabel@epa.gov>  
**Subject:** RE: Invitation to Speak at the Royal Institute of Foreign Affairs Virtual Conference on Energy Transitions

I don't see a time? Do you?

---

**From:** Millett, John <Millett.John@epa.gov>  
**Sent:** Wednesday, January 27, 2021 8:13 AM  
**To:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Cc:** DeLuca, Isabel <DeLuca.Isabel@epa.gov>  
**Subject:** FW: Invitation to Speak at the Royal Institute of Foreign Affairs Virtual Conference on Energy Transitions

Hi Delaney – here's the Chatham House/Royal Inst invitation – for Friday, March 19<sup>th</sup> in the morning. Will have to look closer at the topic to see if this is for Joe, or something we'd delegate or pass on.

Thanks!

---

**From:** Sam Martin <SamMartin@chathamhouse.org>  
**Sent:** Wednesday, January 27, 2021 6:11 AM  
**To:** Millett, John <Millett.John@epa.gov>  
**Subject:** RE: Invitation to Speak at the Royal Institute of Foreign Affairs Virtual Conference on Energy Transitions

Dear John,

Thank you so much for your reply and I sympathise with the current state of the weather in DC – we actually had snow in London on Sunday but since then it has turned into a mixture of slush and lethal ice which makes going for a morning run a tad harder!

Please find attached to this email a formal invite letter for Mr Goffman as well as the thematic agenda for the event. We would be honoured if Mr Goffman would speak on the session *Unproven Technologies: The Way Forward?* which is the fourth session of the event and will be taking place at 13.30-14.30 GMT on Friday 19<sup>th</sup> March.

I look forward to hearing from you and have a great day ahead!

Yours Sincerely,

Sam Martin (He/Him)  
External Relations: Conferences

Working days: Monday to Friday

The Royal Institute of International Affairs  
Chatham House  
10 St James's Square  
London SW1Y 4LE

E: [SamMartin@chathamhouse.org](mailto:SamMartin@chathamhouse.org)



---

**From:** Millett, John <[Millett.John@epa.gov](mailto:Millett.John@epa.gov)>

**Sent:** 26 January 2021 21:24

**To:** Sam Martin <[SamMartin@chathamhouse.org](mailto:SamMartin@chathamhouse.org)>

**Subject:** RE: Invitation to Speak at the Royal Institute of Foreign Affairs Virtual Conference on Energy Transitions

Dear Mr. Martin –

Greetings from cold and slushy Washington, D.C. I'm John Millett, the Communications Director for the U.S. EPA's Office of Air and Radiation, responding to your recent inquiry. With the transition to the new administration, Anne Austin, née Idsal, is no longer with the EPA. As of January 20, Joseph Goffman is the Principle Deputy Assistant Administrator and is serving as the acting Assistant Administrator for Air and Radiation. If you would like to send the invitation to me, I will make sure that Mr. Goffman sees and considers it.

This is Joe's brief professional biography:

**Joseph Goffman, Principal Deputy Assistant Administrator, Office of Air and Radiation**

Joe Goffman returns to EPA after serving from 2009 – 2017 as the Associate Assistant Administrator for Climate and Senior Counsel in the Office of Air and Radiation, where he provided policy and legal counsel on a wide range of climate policy and Clean Air Act regulatory and implementation issues and rulemakings. Since 2017 he has served as the Executive Director of the Environmental and Energy Law Program at Harvard Law School where he led a team of attorneys and communications specialists providing information and analysis to stakeholders, government decision makers and the media, and offering innovative responses on emerging issues in the areas of federal, state and municipal energy and electricity law and environmental and administrative law as well as in selected areas of corporate law. Joe also worked on the U.S. Senate Committee on Environment and Public Works as the Democratic Chief Counsel and Majority Senior Counsel. He holds B.A. and J.D. degrees from Yale University.

Thanks and best –

John

~~~~~  
John Millett  
Director, OAR Communications  
Desk: 202-564-2903  
Cell: 202-510-1822

**From:** Sam Martin <[SamMartin@chathamhouse.org](mailto:SamMartin@chathamhouse.org)>  
**Date:** January 26, 2021 at 12:11:08 PM EST  
**To:** Press <[Press@epa.gov](mailto:Press@epa.gov)>  
**Subject:** Invitation to Speak at the Royal Institute of Foreign Affairs Virtual Conference on Energy Transitions

Dear Sirs,

Good afternoon from London, my name is Sam Martin and am the Conference Manager for the Chatham House Energy Transitions Conference that is scheduled to take place between March 18<sup>th</sup>-19<sup>th</sup> 2021 in a virtual capacity.

I am enquiring as to whether it would be possible to have the email address for the Principal Deputy Administrator for the Office of Air and Radiation so that they may be formally invited to speak at our conference. I understand that Anne Isdal was the incumbent of this position but do let me know if there has been a change in this role and therefore a new individual to contact. Thank you very much for your time and I look forward to hearing from you.

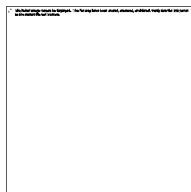
Yours Sincerely,

Sam Martin (He/Him)  
External Relations: Conferences

Working days: Monday to Friday

The Royal Institute of International Affairs  
Chatham House  
10 St James's Square  
London SW1Y 4LE

E: [SamMartin@chathamhouse.org](mailto:SamMartin@chathamhouse.org)



The content image001.jpg of type has been blocked.

## Appointment

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**From:** Kabanda, Thierry [Carbonell.Tomas@epa.gov]  
**Sent:** 3/3/2021 2:37:07 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**CC:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth  
**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 6:15:00 PM  
**End:** 3/3/2021 7:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth



RE: Meeting requests for Tomas

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 3/1/2021 10:06:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Will Hupman [HupmanW@api.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**Subject:** Meeting with API re: Methane, Ozone & PM NAAQS, Social cost of carbon, EJ and cost benefit rule  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Kim, Eun; Will Hupman; Carbonell, Tomas; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Kocchi, Suzanne; Shoaff, John; Gunning, Paul

---

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[attendees](#) [API 3/3 meeting](#)

Howard Feldman, API  
John Wagner, API  
Will Hupman, API  
Matt Todd, API  
Kevin Avery, ConocoPhillips  
Lesley Schaaff, Hess  
Mariana Diez, ExxonMobil  
Jay Thompson, Chevron

Marnie Funk, Shell  
Leslie Arnold, BHP  
Misty McGowen, Phillips 66  
Kim Harb, Alyeska Pipeline  
Brenda Allen, Motiva  
Hilary Moffett, Occidental  
Andrew Holleman, Cheniere  
Julia Price-Madison, Baker Hughes  
Shea Loper, Ovintiv

## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 4:29:35 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Timin, Brian [Timin.Brian@epa.gov]; Stein, Joseph [stein.joseph@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Garfinkle, Stacey [garfinkle.stacey@epa.gov]; Daly, Carl [Daly.Carl@epa.gov]; Morales, Monica [Morales.Monica@epa.gov]; Jackson, Scott [Jackson.Scott@epa.gov]; Talbert, Stephanie [Talbert.Stephanie@epa.gov]; Worstell, Aaron [Worstell.Aaron@epa.gov]; Dobrahner, Jaslyn [Dobrahner.Jaslyn@epa.gov]; Thomas, Deb [thomas.debrah@epa.gov]; Schefski, Kenneth [Schefski.Kenneth@epa.gov]; Joffe, Brian [Joffe.Brian@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Greenglass, Nora [Greenglass.Nora@epa.gov]; Volk, Everett [volk.everett@epa.gov]

**Subject:** Wyoming's RH first planning period SIP for the Wyodak and Jim Bridger facilities  
**Attachments:** Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 2/25/2021 7:00:00 PM  
**End:** 2/25/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera S.; Palma, Elizabeth; Timin, Brian; Stein, Joseph; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Hogan, Stephanie; Garfinkle, Stacey; Daly, Carl; Morales, Monica; Jackson, Scott; Talbert, Stephanie; Worstell, Aaron; Dobrahner, Jaslyn; Thomas, Deb; Schefski, Kenneth; Joffe, Brian; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Greenglass, Nora (Greenglass.Nora@epa.gov); Volk, Everett



Meeting requests  
for Tomas

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy  
  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet

Message

---

**From:** Senter, Stephen [Senter.Stephen@epa.gov]  
**Sent:** 2/16/2021 2:21:38 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]  
**Subject:** RE: Status of Meeting Requests for Joe

Totally ok with us! And if we could get the Health Benefits briefing scheduled (meeting request attached) in that time slot, that would be great.

I've also attached the EtO meeting requests for convenience. Our hope is that part 1 and part 2 could be only a few days apart.

---

**From:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Sent:** Tuesday, February 16, 2021 9:19 AM  
**To:** Senter, Stephen <Senter.Stephen@epa.gov>; Campbell, Ann <Campbell.Ann@epa.gov>  
**Subject:** RE: Status of Meeting Requests for Joe

That means that Title V would move to next week. Is that okay?

---

**From:** Senter, Stephen <Senter.Stephen@epa.gov>  
**Sent:** Tuesday, February 16, 2021 8:18 AM  
**To:** Campbell, Ann <Campbell.Ann@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: Status of Meeting Requests for Joe

We may actually want to do the Health Benefits briefing tomorrow instead of Title V. We are about 1 week away from sending the CSAPR RIA over to OMB, so that one is actually more time sensitive now than the EtO briefings.

---

**From:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Sent:** Tuesday, February 16, 2021 8:14 AM  
**To:** Senter, Stephen <Senter.Stephen@epa.gov>; Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: Status of Meeting Requests for Joe

Thanks for the program's feedback on prioritization. Looping in Delaney to see what can be done.

Ann (Campbell) Ferrio  
Chief of Staff  
EPA/Office of Air and Radiation  
Office: 202 566 1370

---

**From:** Senter, Stephen <Senter.Stephen@epa.gov>  
**Sent:** Tuesday, February 16, 2021 8:12 AM  
**To:** Campbell, Ann <Campbell.Ann@epa.gov>  
**Subject:** RE: Status of Meeting Requests for Joe

I just spoke with Mike and we are actually ready to do the EtO Briefing Part 1 as early as tomorrow. If we could get it scheduled, we'd be open to pushing back the Title V briefing and have the first EtO briefing instead. Just an idea.

Thanks,  
Stephen

---

**From:** Senter, Stephen

**Sent:** Thursday, February 11, 2021 2:41 PM

**To:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>

**Cc:** Brown, Annette <[Brown.Annette@epa.gov](mailto:Brown.Annette@epa.gov)>; Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>

**Subject:** Status of Meeting Requests for Joe

**Importance:** High

Hi Everyone: I just wanted to check in on the status of the following meeting requests. If these have been scheduled and I'm just missing it, my apologies. The respective divisions have reached out to make sure we can get these scheduled soon if possible. If you need more information from me to get these scheduled, please let me know.

- Ethylene Oxide briefing: Part 1 (division requested 2/16 through 2/17 as possible dates) – This is a background briefing on EtO. At this point given the upcoming holiday, I don't think the division could be prepared by 2/16 to deliver the briefing, so 2/17-2/19 would work instead.
- Ethylene Oxide briefing: Part 2 (division requested 2/22-2/23 as possible dates) - This briefing will tee up the upcoming rulemaking for commercial sterilization facilities, so is time sensitive
- Health Benefits Approach for PM<sub>2.5</sub> and Ozone (division requested 2/11 through 2/16 as possible dates) – This briefing is closely related to the upcoming Revised CSAPR Update final rule, so is also time sensitive

I know everyone is super busy right now, but I did just want to flag these and check in on the status.

Thank You!

Stephen

## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 4:29:35 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Timin, Brian [Timin.Brian@epa.gov]; Stein, Joseph [stein.joseph@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Garfinkle, Stacey [garfinkle.stacey@epa.gov]; Daly, Carl [Daly.Carl@epa.gov]; Morales, Monica [Morales.Monica@epa.gov]; Jackson, Scott [Jackson.Scott@epa.gov]; Talbert, Stephanie [Talbert.Stephanie@epa.gov]; Worstell, Aaron [Worstell.Aaron@epa.gov]; Dobrahner, Jaslyn [Dobrahner.Jaslyn@epa.gov]; Thomas, Deb [thomas.debrah@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Greenglass, Nora [Greenglass.Nora@epa.gov]; Volk, Everett [volk.everett@epa.gov]  
**Subject:** Wyoming's RH first planning period SIP for the Wyodak and Jim Bridger facilities  
**Attachments:** Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 7:00:00 PM  
**End:** 2/25/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera S.; Palma, Elizabeth; Timin, Brian; Stein, Joseph; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Hogan, Stephanie; Garfinkle, Stacey; Daly, Carl; Morales, Monica; Jackson, Scott; Talbert, Stephanie; Worstell, Aaron; Dobrahner, Jaslyn; Thomas, Deb  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Greenglass, Nora (Greenglass.Nora@epa.gov); Volk, Everett



Meeting requests  
for Tomas

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## Appointment

---

**From:** Kabanda, Thierry [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b1a9a772e3c946cb99a35da45f43de6c-Kabanda, Th]  
**Sent:** 2/26/2021 5:43:08 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Anne L. Kelly [kelly@ceres.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Carolyn Snyder (Snyder.Carolyn@epa.gov) [Snyder.Carolyn@epa.gov]; Jeremy Symons [jeremy@symonspa.com]; Gunning, Paul [Gunning.Paul@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; 'Dunham, Sarah (Dunham.Sarah@epa.gov)' [Dunham.Sarah@epa.gov]; Benjamin Hengst [Hengst.Benjamin@epa.gov]; Anne L. Kelly [kelly@ceres.org]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carolyn Snyder (Snyder.Carolyn@epa.gov) [Snyder.Carolyn@epa.gov]; Jeremy Symons [jeremy@symonspa.com]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; 'Dunham, Sarah (Dunham.Sarah@epa.gov)' [Dunham.Sarah@epa.gov]; Benjamin Hengst [Hengst.Benjamin@epa.gov]  
**CC:** Julie Brown [jbrown@ceres.org]; Kim, Eun [Kim.Eun@epa.gov]; emailsymons@[\[Ex. 6 Personal Privacy \(PP\)\]](#); Julie Brown [jbrown@ceres.org]; emailsymons@[\[Ex. 6 Personal Privacy \(PP\)\]](#)

**Subject:** Meeting with CERES re: CAFE, Methane, PPR & EJ  
**Attachments:** Re: Meeting Request: Ceres; Topics for EPA discussion.pdf  
**Location:** Microsoft Teams Meeting  
**Start:** 3/5/2021 9:00:00 PM  
**End:** 3/5/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Anne L. Kelly; Carbonell, Tomas; Nunez, Alejandra; Kocchi, Suzanne; Carolyn Snyder (Snyder.Carolyn@epa.gov); Jeremy Symons; Gunning, Paul; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); 'Dunham, Sarah (Dunham.Sarah@epa.gov)'; Benjamin Hengst  
**Optional Attendees:** Julie Brown; Kim, Eun; emailsymons@gmail.com



Re: Meeting  
Request: Ceres



Topics for EPA  
discussion.pdf

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda



FW: OAR Meeting  
Request: Bi-Wee...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 9:43:10 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov] [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Vetter, Cheryl [Vetter.Cheryl@epa.gov]; Rao, Raj [Rao.Raj@epa.gov]; Torres, Elineth [Torres.Elineth@epa.gov]; Truesdell, Raymond [truesdell.raymond@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Shrager, Brian [Shrager.Brian@epa.gov]; McGinn, Kevin [mcginn.kevin@epa.gov]; Sorrels, Larry [Sorrels.Larry@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Cortelyou-Lee, Jan [Cortelyou-Lee.Jan@epa.gov]; Castro, Grecia [Castro.Grecia@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Jordan, Scott [Jordan.Scott@epa.gov]  
**CC:** Culligan, Kevin [culligan.kevin@epa.gov]; South, Peter [South.Peter@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Attachments:** Meeting Request for Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 8:00:00 PM  
**End:** 2/25/2021 8:45:00 PM  
**Show Time As:** Busy  
  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Lassiter, Penny; Cozzie, David; Sasser, Erika; Weatherhead, Darryl; Wayland, Robertj; Vetter, Cheryl; Rao, Raj; Torres, Elineth; Truesdell, Raymond; Conner, Lisa; Shrager, Brian; McGinn, Kevin; Sorrels, Larry; Chan, Elizabeth; Mills, Kathy; Cortelyou-Lee, Jan; Castro, Grecia; anderson, lea; Jordan, Scott  
**Optional Attendees:** Culligan, Kevin; South, Peter; Senter, Stephen; McLamb, Marguerite; Jones, Rhea; Brown, Annette; Joseph, Wanda; Eck, Janet



Meeting Request  
for Reclassificati...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:30:00 PM  
**End:** 2/22/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet



RE: Status of  
Meeting Request...

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**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda; Grundler, Christopher; Kocchi, Suzanne; Davis, Alison  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/12/2021 2:16:40 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Rachel Miller [rmiller@forbes-tate.com]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**CC:** Kim, Eun [Kim.Eun@epa.gov]  
**Subject:** General Discussion with Rachel Miller (Forbes Tate Partners) re: Climate Issues  
**Location:** Microsoft Teams Meeting  
**Start:** 2/19/2021 5:30:00 PM  
**End:** 2/19/2021 6:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Rachel Miller; Alejandra Nunez (Nunez.Alejandra@epa.gov); Carbonell, Tomas  
**Optional Attendees:** Kim, Eun

---

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]

**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth



RE: Meeting  
requests for Tomas

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov] [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda; Grundler, Christopher; Kocchi, Suzanne; Davis, Alison  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 4:29:35 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Timin, Brian [Timin.Brian@epa.gov]; Stein, Joseph [stein.joseph@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Garfinkle, Stacey [garfinkle.stacey@epa.gov]; Daly, Carl [Daly.Carl@epa.gov]; Morales, Monica [Morales.Monica@epa.gov]; Jackson, Scott [Jackson.Scott@epa.gov]; Talbert, Stephanie [Talbert.Stephanie@epa.gov]; Worstell, Aaron [Worstell.Aaron@epa.gov]; Dobrahner, Jaslyn [Dobrahner.Jaslyn@epa.gov]; Thomas, Deb [thomas.debrah@epa.gov]; Schefski, Kenneth [Schefski.Kenneth@epa.gov]; Joffe, Brian [Joffe.Brian@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Greenglass, Nora [Greenglass.Nora@epa.gov]; Volk, Everett [volk.everett@epa.gov]

**Subject:** Wyoming's RH first planning period SIP for the Wyodak and Jim Bridger facilities  
**Attachments:** Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 2/25/2021 7:00:00 PM  
**End:** 2/25/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera S.; Palma, Elizabeth; Timin, Brian; Stein, Joseph; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Hogan, Stephanie; Garfinkle, Stacey; Daly, Carl; Morales, Monica; Jackson, Scott; Talbert, Stephanie; Worstell, Aaron; Dobrahner, Jaslyn; Thomas, Deb; Schefski, Kenneth; Joffe, Brian  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Greenglass, Nora (Greenglass.Nora@epa.gov); Volk, Everett



Meeting requests  
for Tomas

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**From:** Enobakhare, Rosemary [Enobakhare.Rosemary@epa.gov]  
**Sent:** 2/11/2021 7:31:38 PM  
**To:** Enobakhare, Rosemary [Enobakhare.Rosemary@epa.gov]; Fox, Radhika [Fox.Radhika@epa.gov]; Freedhoff, Michal [Freedhoff.Michal@epa.gov]; Fine, Philip [Fine.Philip@epa.gov]; Arroyo, Victoria [Arroyo.Victoria@epa.gov]; Frey, Christopher [Frey.Christopher@epa.gov]; Cassady, Alison [Cassady.Alison@epa.gov]; Waterhouse, Carlton [Waterhouse.Carlton@epa.gov]; Chase, Joann [Chase.Joann@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Chaudhary, Dimple [Chaudhary.Dimple@epa.gov]; Engelman-Lado, Marianne [EngelmanLado.Marianne@epa.gov]; Garbow, Avi [Garbow.Avi@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]; Martinez, Cecilia C. EOP/CEQ [Ramoncita.C.Martinez@ceq.eop.gov]; Levy, Maxwell [Levy.Maxwell@epa.gov]  
**CC:** Lucey, John [Lucey.John.D@epa.gov]  
**Subject:** Introductory Meeting with Environmental Justice Leaders  
**Attachments:** Final Briefing Memo\_EJ Meeting with EPA political team\_ 2.16.21.docx  
**Location:** Microsoft Teams Meeting  
**Start:** 2/16/2021 9:00:00 PM  
**End:** 2/16/2021 10:15:00 PM  
**Show Time As:** Tentative

**Required Attendees:** Fox, Radhika; Freedhoff, Michal; Fine, Philip; Arroyo, Victoria; Frey, Christopher; Cassady, Alison; Waterhouse, Carlton; Chase, Joann; Goffman, Joseph; Carbonell, Tomas; Nunez, Alejandra; Hoffer, Melissa; Chaudhary, Dimple; Engelman-Lado, Marianne; Garbow, Avi; Utech, Dan; Martinez, Cecilia C. EOP/CEQ; Levy, Maxwell  
**Optional Attendees:** Lucey, John

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#### **Attendee List**

- Latricea Adams, Black Millennials for Flint
- Mustafa Ali, National Wildlife Federation
- Susana Almanza, PODER: California and/or Austin
- Dr. Robert Bullard, National Black Environmental Justice Network
- Tina Johnson, Deep South Center for Environmental Justice
- Angelo Logan, Executive Director, Moving Forward Network (MFN)

- Dr. Mildred McClain, Harambee House
- Pamela Miller, Executive Director, Alaska Community Action on Toxics
- Vernice Miller Travis, EJ Leader, former WEACTION Board Member
- Darryl Molina Sarmiento, Executive Director, Communities for a Better Environment (CBE)
- Ana Parras, Texas Environmental Justice Advocacy Services (TEJAS)
- Juan Parras, Texas Environmental Justice Advocacy Services (TEJAS)
- Michele Roberts, Coming Clean
- Peggy Sheppard, Executive Director, WE ACT
- Kerene Tayloe, WE ACT
- Omega & Brenda Wilson, West End Revitalization Association (WERA)
- Dr. Sacoby Wilson, University of Maryland
- Rev. Leo Woodberry, New Alpha Development

#### **No Response but Invited**

- Jose Bravo, Executive Director, Just Transition Alliance
- Tom BK Goldtooth, Executive Director, Indigenous Environmental Network (IEN)
- Hilton Kelly, Executive Director, CIDA Inc
- Burt Lauderdale, Executive Director, Kentuckians for the Commonwealth
- Gladys Linon, California Environmental Justice Alliance
- Michelle Martinez, Acting Executive Director, Michigan Environmental Justice Coalition
- Harold Mitchell, Executive Director, ReGenesis Inc.
- Richard Moore, Los Jardines Institute
- Nicky Sheets, New Jersey Environmental Justice Alliance (NJEJA).
- Dianne Takvorian, Executive Director, Environmental Health Coalition
- Vi Vahgli, Alaska Community Action on Toxics
- Kim Wasserman, Little Village Environmental Justice Organization (LVEJO)
- Joe Womack, Africatown - CHESS
- Dr. Beverly Wright, Deep South Center for Environmental Justice
- Elizabeth Yeampierre, Executive Director, UPROSE
- Miya Yoshitani, Executive Director, Asian Pacific Environmental Network (APEN)

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Scavo, Kimber [Scavo.Kimber@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne; Scavo, Kimber



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew; Hockstad, Leif; Shoaff, John; Marks, Matthew; Campbell, Ann



Request for BCA  
Rule Briefing wit...

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|                                                                                                 |
|-------------------------------------------------------------------------------------------------|
| <p align="center"><b>[ SEQ CHAPTER \h \r 1]OAR Meeting Request Form<br/>For Joe Goffman</b></p> |
|-------------------------------------------------------------------------------------------------|

**Date of this Request:** 2/4/21

**Scheduling Point of Contact:** Leif Hockstad

**Technical Point of Contact:** Leif Hockstad

**Subject:** Review OAR BCA Rule and Options with EO

**Purpose:**

Provide an update on options for OAR actions for the *Increasing Consistency and Transparency in Considering Benefits and Costs in the Clean Air Act Rulemaking Process* rule (i.e., BCA Rule) in response to January 20, 2021 climate EO.

**First possible date for meeting:** February 8, 2021

**Last possible date for meeting:** No specific deadline, but sooner than later preferred

**Duration:** 1 hour

**Requested Audio / Video** (Mark with "X" appropriate communication line)

\_\_\_\_\_ **Video Location(s):**

*List video locations needed (e.g., RTP, DC, Regions) – HQ will set up a bridge if needed*

\_\_\_\_\_ **HQ Conference Line:**

*If requested, HQ staff will provide in meeting invite*

**Invitees (please list by Office and in Outlook format, e.g. *Last, First*):**

Office/Org Name (*Last, First*)

Joe Goffman

Alejandra Nunez

Tomas Carbonell

OAP – Grundler, Chris (and any additional staff he requests)

OTAQ –Dunham, Sarah (and any additional staff she requests)

OTAQ – Sargeant, Kathryn

ORIA – Edwards, Jonathan (and any folks he wants to designate)

ORIA – Mosser, Jennifer

OAQPS –Tsirigotis, Peter (and any additional staff he requests)

OAQPS –Sasser, Erika

OAQPS – Weatherhead, Darryl

OAQPS – Charmley, William

OGC – Ting, Kaytrue

OGC – Wolfson, Steve

OGC – Anderson, Lea

OGC – Srinivasan, Gautam

OGC – Talty, Mark

OP – Kopits, Elizabeth

OP – McGartland, Al

John Shoaff  
Leif Hockstad

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/12/2021 2:16:40 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Rachel Miller [rmiller@forbes-tate.com]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**CC:** Kim, Eun [Kim.Eun@epa.gov]  
**Subject:** General Discussion with Rachel Miller (Forbes Tate Partners) re: Climate Issues  
**Location:** Microsoft Teams Meeting  
**Start:** 2/19/2021 6:00:00 PM  
**End:** 2/19/2021 6:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Rachel Miller; Alejandra Nunez (Nunez.Alejandra@epa.gov); Carbonell, Tomas  
**Optional Attendees:** Kim, Eun

---

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda; Grundler, Christopher; Kocchi, Suzanne  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Ndoh, Tina



RE: Status of  
Meeting Request...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 2:46:19 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov] [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Fann, Neal [Fann.Neal@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Maniloff, Peter [Maniloff.Peter@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Davidson, Ken [Davidson.Ken@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Mozingo, Kristal [Mozingo.Kristal@epa.gov]

**Subject:** Health Benefits Approach for PM2.5 and Ozone  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting

**Start:** 2/17/2021 8:15:00 PM  
**End:** 2/17/2021 9:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Sasser, Erika; Wayland, Richard; Wayland, Robertj; Weatherhead, Darryl; Fann, Neal; Chan, Elizabeth; Maniloff, Peter; Macpherson, Alex; Dolwick, Pat; Kamal, Ali; Davidson, Ken; Hoffer, Melissa; Senter, Stephen; Sara Terry (Terry.Sara@epa.gov); Brown, Annette; Mozingo, Kristal



RE: Status of  
Meeting Request...

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**Sent:** 2/5/2021 4:43:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Newberg, Cindy [Newberg.Cindy@epa.gov]; Akerman, Nancy [Akerman.Nancy@epa.gov]; Cappel, Kirsten [Cappel.Kirsten@epa.gov]; Chaudhary, Dimple [Chaudhary.Dimple@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Bianco, Karen [Bianco.Karen@epa.gov]; Williams, Melina [Williams.Melina@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]  
**CC:** Hockstad, Leif [Hockstad.Leif@epa.gov]  
**Subject:** Kigali Amendment Ratification: Interagency Discussion  
**Attachments:** Meeting request: Kigali Amendment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/10/2021 9:15:00 PM  
**End:** 2/10/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Grundler, Christopher; Kocchi, Suzanne; Newberg, Cindy; Akerman, Nancy; Cappel, Kirsten; Chaudhary, Dimple; Srinivasan, Gautam; Bianco, Karen; Williams, Melina; Ferland, Henry; Hoffer, Melissa; Carbonell, Tomas; Shoaff, John; Nunez, Alejandra  
**Optional Attendees:** Hockstad, Leif



Meeting request:  
Kigali Amendment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting

**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda; Grundler, Christopher  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew; Hockstad, Leif; Shoaff, John; Marks, Matthew



Request for BCA  
Rule Briefing wit...

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Message

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**From:** Morrison, Matthew W. [matthew.morrison@pillsburylaw.com]  
**Sent:** 2/18/2021 3:03:46 AM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**CC:** Dunham, Sarah [Dunham.Sarah@epa.gov]; Hengst, Benjamin [Hengst.Benjamin@epa.gov]; Beck, Randy [rbeck3@wm.com]; Gach, Ryan [rgach@wm.com]; 'Ball, Christopher' [cball2@wm.com]; 'Jensen, Michael' [mjensen1@wm.com]; Whitmore, Noah [nwhitmo1@wm.com]; Hesson, Paul [phesson1@wm.com]; Beilstein, Natasha [nbeilste@wm.com]  
**Subject:** Letter from Waste Management regarding Small Refinery Exemptions  
**Attachments:** Letter to EPA re SREs 4834-8383-9708 v3.pdf  
  
**Flag:** Follow up

Hi Joe,

I hope you've been well and you're enjoying your return to the Agency.

Attached is correspondence from Waste Management that reflects its unique perspective on how small refinery exemptions have impacted potential biogas investments and the cellulosic RIN market. Waste Management also recommends specific actions it believes EPA should undertake to return some stability to RIN markets and restore confidence in pursuing these projects, which would help advance the President's climate agenda and Congressional intent behind the RFS.

Please let me know if you have any questions or if you would like to meet with Waste Management to discuss these matters further.

Best regards,

Matt

Matthew W. Morrison | Partner  
Pillsbury Winthrop Shaw Pittman LLP  
1200 Seventeenth Street NW | Washington, DC 20036-3006

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matthew.morrison@pillsburylaw.com | website bio

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**WM Renewable Energy L.L.C.**

800 Capitol St.  
Houston, TX 77002  
713- 512-6200

February 17, 2021

*Via Electronic and U.S. Mail*

Joseph Goffman  
Acting Assistant Administrator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
1200 Pennsylvania Avenue, NW  
Washington, D.C. 20460

Re: *Small Refinery Exemptions and the Future of the Renewable Fuel Standard*

Dear Assistant Administrator Goffman,

I am writing on behalf of Waste Management to encourage EPA to reconsider its approach to small refinery exemptions under the Renewable Fuel Standard (“RFS”) program of the Clean Air Act. These compliance exemptions have inflicted significant harm to the cellulosic biofuel sector, jeopardizing investments in clean energy that otherwise would advance the President’s climate change agenda. This letter describes four specific steps EPA can take to address the recent misuse of these exemptions and to restore integrity and stability to the RFS program.

As the leading provider of comprehensive waste management and environmental services in North America, Waste Management serves municipal, commercial, industrial, and residential customers throughout the United States and Canada. Our nearly 300 sites manage the disposal of millions of tons of waste per year, providing us with a vast supply of a natural, renewable energy source that is continuously generated through the decomposition of waste: landfill biogas. When landfill biogas is upgraded to pipeline-quality natural gas, it is known as renewable natural gas (RNG), which EPA recognizes as a cellulosic biofuel under the RFS. Waste Management holds a unique, fully integrated position that we hope to use to drive future investment in RNG facilities and distribution infrastructure, vehicles that run on RNG, and fueling infrastructure. Whether Waste Management abandons or pursues these plans—which could exceed \$5 billion in the coming years—depends in large part upon (D3) RIN price stability under the RFS. That RIN price stability, in turn, depends upon EPA’s approach to small refinery exemptions. In recent years the Agency’s mismanagement of this program deflated the demand for renewable fuels and reduced the value of renewable fuels and the RINs associated with them.

Waste Management believes EPA should undertake four important actions to restore integrity to the RFS program and incentivize investment in renewable fuels.

- First, Waste Management encourages EPA to support the position of the biofuel producers in the pending Supreme Court case of *HollyFrontier Cheyenne Refining, LLC v. Renewable Fuels Association*. The biofuel producers' position is grounded in the well-reasoned decision of the U.S. Court of Appeals for the Tenth Circuit, which held that small refineries are not eligible for exemptions from RFS compliance obligations unless their initial, temporary exemptions were continuously extended each year of the program. That interpretation is consistent with the text and structure of the RFS, as well as Congressional intent behind this program, which was established to promote the increased integration of renewable fuels.
- Second, regardless of the outcome of the Supreme Court proceedings in *HollyFrontier*, we encourage EPA to revisit its approach to small refinery exemptions in the future. In the early years of the small refinery program, EPA tapered down the number of refineries eligible for a compliance exemption from 24 in 2011 to 7 in 2015, consistent with what would be expected for a "temporary" exemption. That tapering down was also in line with EPA's long-held view that all refineries, small and large, are able to pass through the costs of RFS compliance in the prices they receive for their products – a view that the Tenth Circuit found unreconciled with any issuance of small refinery exemptions. Since no small refinery can therefore suffer an economic hardship, much less one that is disproportional to other refineries, EPA should announce that, going forward, it does not anticipate any further extensions of small refinery exemptions.
- Third, EPA needs to bring greater transparency to all small refinery exemptions. While Waste Management would not expect EPA to share sensitive financial business details of small refinery petitioners, or EPA's analysis that included those details, EPA should proceed with finalizing its prior proposals – first announced at the end of the Obama administration in the 2016 proposed Renewables Enhancement and Growth Support Rule – to make public the identity of the requesting company, the name and location of the refinery at issue, the amount of compliance relief requested, and the amount of relief granted. EPA's posted summaries of aggregate information pertaining to small refinery exemptions are inadequate for investment and compliance planning.
- Fourth and finally, EPA should take action to address the volumes of renewable fuels that were lost to small refinery exemptions in the prior Administration. The dramatic increase in small refinery exemptions over the last few years has rendered the RFS annual volume obligations aspirational at best, if not misleading. Since EPA's authority to reduce the volumes of renewable fuel set by Congress is limited to the issuance of very narrow waivers proscribed in the statute, and the Agency is otherwise obligated to ensure the volumes set by Congress are achieved, EPA needs to make up any shortfalls from these exemptions. EPA's 2021 and 2022 rulemakings provide an opportunity for EPA to address these deficits.

We look forward to working with EPA to restore stability to the RFS program and incentivize future investment in renewable energy.

Sincerely,

*Randall Beck*

Randy Beck  
Vice President, Renewable Energy  
Waste Management

## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]; Damberg, Rich [Damberg.Rich@epa.gov]; Baker, Kirk [Baker.Kirk@epa.gov]; Evangelista, Mark [Evangelista.Mark@epa.gov]  
**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/18/2021 3:00:00 PM  
**End:** 3/18/2021 3:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael; Damberg, Rich; Baker, Kirk; Evangelista, Mark



Meeting Request  
for Tomás Carbo...

This meeting is optional for Joe.

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/19/2021 3:53:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_Noel@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_Noel@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]  
**CC:** Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**Subject:** General Discussion with Dave Tenney re: Climate Change  
**Location:** Microsoft Teams Meeting  
**Start:** 2/24/2021 9:30:00 PM  
**End:** 2/24/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Gunning, Paul; Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Dave Tenny; Paul\_Noel@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Grundler, Christopher  
**Optional Attendees:** Kocchi, Suzanne; Kim, Eun

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**From:** Kabanda, Thierry [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b1a9a772e3c946cb99a35da45f43de6c-Kabanda, Th]  
**Sent:** 2/26/2021 5:43:08 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Anne L. Kelly [kelly@ceres.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Carolyn Snyder (Snyder.Carolyn@epa.gov) [Snyder.Carolyn@epa.gov]; Jeremy Symons [jeremy@symonspa.com]; Gunning, Paul [Gunning.Paul@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; 'Dunham, Sarah (Dunham.Sarah@epa.gov)' [Dunham.Sarah@epa.gov]; Benjamin Hengst [Hengst.Benjamin@epa.gov]  
**CC:** Julie Brown [jbrown@ceres.org]; Kim, Eun [Kim.Eun@epa.gov]; emailsymons@gmail.com  
**Subject:** Meeting with CERES re: CAFE, Methane, PPR & EJ  
**Attachments:** Re: Meeting Request: Ceres; Topics for EPA discussion.pdf  
**Location:** Microsoft Teams Meeting  
**Start:** 3/5/2021 9:00:00 PM  
**End:** 3/5/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Anne L. Kelly; Carbonell, Tomas; Nunez, Alejandra; Kocchi, Suzanne; Carolyn Snyder (Snyder.Carolyn@epa.gov); Jeremy Symons; Gunning, Paul; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); 'Dunham, Sarah (Dunham.Sarah@epa.gov)'; Benjamin Hengst  
**Optional Attendees:** Julie Brown; Kim, Eun; emailsymons@gmail.com



Re: Meeting  
Request: Ceres



Topics for EPA  
discussion.pdf

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]

**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth



RE: Meeting requests for Tomas

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**Sent:** 2/19/2021 3:53:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]  
**CC:** Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**Subject:** General Discussion with Dave Tenney re: Climate Change  
**Location:** Microsoft Teams Meeting  
**Start:** 2/24/2021 9:30:00 PM  
**End:** 2/24/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Gunning, Paul; Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Dave Tenny; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Grundler, Christopher; Culligan, Kevin  
**Optional Attendees:** Kocchi, Suzanne; Kim, Eun

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**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Senter, Stephen; Brown, Annette



RE: Meeting requests for Tomas

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/12/2021 2:16:40 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Rachel Miller [rmiller@forbes-tate.com]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Rachel Miller [rmiller@forbes-tate.com]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]  
**Subject:** General Discussion with Rachel Miller (Forbes Tate Partners) re: Climate Issues  
**Location:** Microsoft Teams Meeting  
**Start:** 2/19/2021 6:00:00 PM  
**End:** 2/19/2021 6:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Rachel Miller; Alejandra Nunez (Nunez.Alejandra@epa.gov); Carbonell, Tomas

---

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 10:00:00 PM  
**End:** 2/22/2021 10:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 1/29/2021 8:46:20 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** HOLD || Royal Institute of Foreign Affairs  
**Attachments:** RE: Invitation to Speak at the Royal Institute of Foreign Affairs Virtual Conference on Energy Transitions  
**Location:** TBD  
  
**Start:** 3/19/2021 12:00:00 PM  
**End:** 3/19/2021 2:00:00 PM  
**Show Time As:** Busy



RE: Invitation to  
Speak at the Roy...

## Appointment

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**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda; Grundler, Christopher; Kocchi, Suzanne; Davis, Alison  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam; Alejandra Nunez (Nunez.Alejandra@epa.gov)



FW: OAR Meeting  
Request: Bi-Wee...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov] [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah (Dunham.Sarah@epa.gov); Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth; Ann Campbell (Campbell.Ann@epa.gov)  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew; Hockstad, Leif; Shoaff, John; Marks, Matthew



Request for BCA  
Rule Briefing wit...

**\*PLEASE FORWARD AS APPROPRIATE\***

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa



Request for  
International Brie...

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## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 2/8/2021 5:13:53 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** Accepted: 2015 Ozone Transport Strategy and Overview  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Recurrence:** (none)

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]; Mark Morris [morris.mark37@gmail.com]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 10:30:00 PM  
**End:** 2/17/2021 11:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea; Kim, Eun; Isabel DeLuca  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Scott Mathias (Mathias.Scott@epa.gov); 'vera kornylak'; Mark Morris; Ndoh, Tina



RE: Status of  
Meeting Request...

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## Microsoft Teams meeting

ED\_005551\_00004673-00001

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]

**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 3/3/2021 6:15:00 PM  
**End:** 3/3/2021 7:15:00 PM  
**Show Time As:** Tentative

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth



RE: Meeting requests for Tomas

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]; Damberg, Rich [Damberg.Rich@epa.gov]; Baker, Kirk [Baker.Kirk@epa.gov]; Evangelista, Mark [Evangelista.Mark@epa.gov]  
**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 7:00:00 PM  
**End:** 3/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael; Damberg, Rich; Baker, Kirk; Evangelista, Mark



Meeting Request  
for Tomás Carbo...

This meeting is optional for Joe.

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/19/2021 3:53:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]  
**CC:** Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]

**Subject:** General Discussion with Dave Tenney re: Climate Change  
**Location:** Microsoft Teams Meeting

**Start:** 2/24/2021 9:30:00 PM  
**End:** 2/24/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Gunning, Paul; Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Dave Tenny; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Grundler, Christopher; Culligan, Kevin  
**Optional Attendees:** Kocchi, Suzanne; Kim, Eun

---

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy  
  
**Required Attendees:** Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov)



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 9:43:10 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov] [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Vetter, Cheryl [Vetter.Cheryl@epa.gov]; Rao, Raj [Rao.Raj@epa.gov]; Torres, Elineth [Torres.Elineth@epa.gov]; Truesdell, Raymond [truesdell.raymond@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Shrager, Brian [Shrager.Brian@epa.gov]; McGinn, Kevin [mcginn.kevin@epa.gov]; Sorrels, Larry [Sorrels.Larry@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Cortelyou-Lee, Jan [Cortelyou-Lee.Jan@epa.gov]; Castro, Grecia [Castro.Grecia@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Jordan, Scott [Jordan.Scott@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]  
**CC:** Culligan, Kevin [culligan.kevin@epa.gov]; South, Peter [South.Peter@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Attachments:** Meeting Request for Reclassification of Major Sources as Area Sources under Section 112 of the Clean Air Act (Major MACT to Area-MM2A)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 8:00:00 PM  
**End:** 2/25/2021 8:45:00 PM  
**Show Time As:** Busy  
  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Lassiter, Penny; Cozzie, David; Sasser, Erika; Weatherhead, Darryl; Wayland, Robertj; Vetter, Cheryl; Rao, Raj; Torres, Elineth; Truesdell, Raymond; Conner, Lisa; Shrager, Brian; McGinn, Kevin; Sorrels, Larry; Chan, Elizabeth; Mills, Kathy; Cortelyou-Lee, Jan; Castro, Grecia; anderson, lea; Jordan, Scott; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew  
**Optional Attendees:** Culligan, Kevin; South, Peter; Senter, Stephen; McLamb, Marguerite; Jones, Rhea; Brown, Annette; Joseph, Wanda; Eck, Janet



Meeting Request  
for Reclassificati...

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]  
**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn; Murray, Beth



RE: Meeting requests for Tomas

---

## Microsoft Teams meeting

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 3/1/2021 10:06:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Will Hupman [HupmanW@api.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Will Hupman [HupmanW@api.org]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]  
**Subject:** Meeting with API re: Methane, Ozone & PM NAAQS, Social cost of carbon, EJ and cost benefit rule  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Kim, Eun; Will Hupman; Carbonell, Tomas; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Kocchi, Suzanne; Shoaff, John; Gunning, Paul

---

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[API 3/3 meeting attendees](#)

Howard Feldman, API  
John Wagner, API  
Will Hupman, API  
Matt Todd, API  
Kevin Avery, ConocoPhillips  
Lesley Schaaff, Hess

Mariana Diez, ExxonMobil  
Jay Thompson, Chevron  
Marnie Funk, Shell  
Leslie Arnold, BHP  
Misty McGowen, Phillips 66  
Kim Harb, Alyeska Pipeline  
Brenda Allen, Motiva  
Hilary Moffett, Occidental  
Andrew Holleman, Cheniere  
Julia Price-Madison, Baker Hughes  
Shea Loper, Ovintiv

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/19/2021 3:53:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]  
**CC:** Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]

**Subject:** General Discussion with Dave Tenney re: Climate Change  
**Location:** Microsoft Teams Meeting

**Start:** 2/24/2021 9:30:00 PM  
**End:** 2/24/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Gunning, Paul; Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Dave Tenny; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Grundler, Christopher  
**Optional Attendees:** Kocchi, Suzanne; Kim, Eun

---

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Message

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/11/2021 3:41:45 AM  
**To:** Grundler, Christopher [grundler.christopher@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]  
**CC:** Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]  
**Subject:** RE: draft Revised CSAPR Update Rule (Preamble) for Your Review

<!--[if lte mso 15 || CheckWebRef]-->

Carbonell, Tomas has shared a OneDrive for Business file with you. To view it, click the link below.



Draft for OAR-IO review\_Final Revised CSAPR Update\_preamble\_02.08.21 Comments.docx

<!--[endif]-->

Dear Chris,

Thanks so much to you and the dedicated team who worked on this – I thought the preamble looked great. I've offered just a couple of minor comments for your consideration. I would happy to discuss tomorrow if that would be helpful. Best,

Tomás

---

**From:** Grundler, Christopher <grundler.christopher@epa.gov>  
**Sent:** Monday, February 8, 2021 12:46 PM  
**To:** Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>  
**Cc:** Tsirigotis, Peter <Tsirigotis.Peter@epa.gov>; Harvey, Reid <Harvey.Reid@epa.gov>; Srinivasan, Gautam <Srinivasan.Gautam@epa.gov>; Kocchi, Suzanne <Kocchi.Suzanne@epa.gov>  
**Subject:** draft Revised CSAPR Update Rule (Preamble) for Your Review

Joe and Tomás:

Attached for your review is the draft Revised CSAPR Update Rule preamble. We need to begin FAR this Friday, so please complete your review of the materials by COB Wednesday, February 10 so that we can incorporate your changes into the FAR package. We are available anytime during this period to answer questions or discuss the draft materials as needed.

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

Thanks,

Chris

---

Christopher Grundle, Director  
Office of Atmospheric Programs  
U.S. Environmental Protection Agency  
202.343.9140 (o)  
734.645.5221 (m)



## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/12/2021 2:16:40 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Rachel Miller [rmiller@forbes-tate.com]; Alejandra Nunez [Nunez.Alejandra@epa.gov] [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** General Discussion with Rachel Miller (Forbes Tate Partners) re: Climate Issues  
**Location:** Microsoft Teams Meeting  
**Start:** 2/19/2021 6:00:00 PM  
**End:** 2/19/2021 6:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Rachel Miller; Alejandra Nunez (Nunez.Alejandra@epa.gov); Carbonell, Tomas

---

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew; Hockstad, Leif; Shoaff, John; Marks, Matthew



Request for BCA  
Rule Briefing wit...

**\*PLEASE FORWARD AS APPROPRIATE\***

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Isabel DeLuca [DeLuca.Isabel@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]; Mark Morris [morris.mark37@gmail.com]; Ndoh, Tina [Ndoh.Tina@epa.gov]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 10:30:00 PM  
**End:** 2/17/2021 11:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea; Kim, Eun; Isabel DeLuca  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Scott Mathias (Mathias.Scott@epa.gov); 'vera kornylak'; Mark Morris; Ndoh, Tina



RE: Status of  
Meeting Request...

---

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/23/2021 7:38:51 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Will Hupman [HupmanW@api.org]; bmckeon@bhfs.com; Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** HOLD || API re: Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, and Cost-Benefit Rule  
**Attachments:** RE: Meeting Request from API  
**Location:** TBD  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Will Hupman; bmckeon@bhfs.com; Carbonell, Tomas



RE: Meeting  
Request from API

Message

---

**From:** Will Hupman [HupmanW@api.org]  
**Sent:** 2/23/2021 9:09:38 PM  
**To:** Rakosnik, Delaney [rakosnik.delaney@epa.gov]  
**Subject:** RE: Meeting Request from API

Thank you. We're hoping to cover some introductory points and ask a few high level questions. That should be about it. Thanks again.

Will

---

**Will Hupman**  
Director – Federal Affairs  
o: 202.682.8396  
m: 202.615.7192  
e: hupmanw@api.org



American  
Petroleum  
Institute

---

**From:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Sent:** Tuesday, February 23, 2021 4:05 PM  
**To:** Will Hupman <HupmanW@api.org>  
**Subject:** RE: Meeting Request from API

Phew. Loaded discussion. I'll make sure Joe knows.

---

**From:** Will Hupman <HupmanW@api.org>  
**Sent:** Tuesday, February 23, 2021 3:58 PM  
**To:** Rakosnik, Delaney <rakosnik.delaney@epa.gov>  
**Subject:** RE: Meeting Request from API

Absolutely. I'll circle back with an attendee list soon.

Topics of discussion are: Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, and Cost-Benefit Rule

Will

---

**Will Hupman**  
Director – Federal Affairs  
o: 202.682.8396  
m: 202.615.7192  
e: hupmanw@api.org



American  
Petroleum  
Institute

---

**From:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Sent:** Tuesday, February 23, 2021 3:12 PM  
**To:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Subject:** RE: Meeting Request from API

Also, (apologies for not asking earlier), please send attendees and topics of discussion. Thanks so much.

---

**From:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Sent:** Tuesday, February 23, 2021 2:55 PM  
**To:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** RE: Meeting Request from API

Will do. Thanks again, Delaney.

Will

---

**Will Hupman**  
Director -- Federal Affairs  
o: 202.682.8396  
m: 202.615.7192  
e: [hupmanw@api.org](mailto:hupmanw@api.org)



---

**From:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Sent:** Tuesday, February 23, 2021 2:49 PM  
**To:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Subject:** RE: Meeting Request from API

No worries (you aren't the only one with multiple requests).

You'll see an invite soon, and I'll include Brian. Please feel free to forward as appropriate.

---

**From:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Sent:** Tuesday, February 23, 2021 2:43 PM  
**To:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** RE: Meeting Request from API

Yes. Thank you. I believe Brian reached out in support of our request. I'll let him know that we have something pinned down. Sorry for any confusion and thank you again for the time.

Will

---

**Will Hupman**  
Director -- Federal Affairs  
o: 202.682.8396  
m: 202.615.7192  
e: [hupmanw@api.org](mailto:hupmanw@api.org)

---

**From:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Sent:** Tuesday, February 23, 2021 2:38 PM  
**To:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Subject:** RE: Meeting Request from API

Random question – Do you know Brian McKeon from API? He had the exact same meeting request.

---

**From:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Sent:** Tuesday, February 23, 2021 2:06 PM  
**To:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** RE: Meeting Request from API

Thank you, Delaney! That works great for our group. Please let me know what information I can provide to you beforehand regarding attendees, technology platform, or issues of discussion. Thanks again.

Will

---

**Will Hupman**  
Director -- Federal Affairs  
o: 202.682.8396  
m: 202.615.7192  
e: [hupmanw@api.org](mailto:hupmanw@api.org)

---

**From:** Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Sent:** Tuesday, February 23, 2021 1:42 PM  
**To:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Subject:** RE: Meeting Request from API

Hello,

Many apologies for the late reply. Joe Goffman is happy to meet. How does March 3<sup>rd</sup> at 4pm work for your schedules?

Many thanks!

Delaney Rakosnik  
Staff Assistant  
Immediate Office of the Assistant Administrator  
Office of Air and Radiation, USEPA  
Room 5406A, 1200 Pennsylvania Avenue NW  
Washington, DC 20460

Voice: 202-564-0935  
Email: [rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)

---

**From:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Sent:** Saturday, February 20, 2021 8:42 AM  
**To:** OAR Invitations <[OAR\\_Invitations@epa.gov](mailto:OAR_Invitations@epa.gov)>  
**Cc:** Campbell, Ann <[Campbell.Ann@epa.gov](mailto:Campbell.Ann@epa.gov)>; Rakosnik, Delaney <[rakosnik.delaney@epa.gov](mailto:rakosnik.delaney@epa.gov)>  
**Subject:** FW: Meeting Request from API

---

**From:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Sent:** Friday, February 19, 2021 3:53 PM  
**To:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Subject:** RE: Meeting Request from API

Thank you, Thierry. We appreciate being in the queue. Please let me know if we can provide anything further. I hope you have a great weekend.

Will

---

**Will Hupman**  
Director -- Federal Affairs  
o: 202.682.8396  
m: 202.615.7192  
e: [hupmanw@api.org](mailto:hupmanw@api.org)



---

**From:** Kabanda, Thierry <[Kabanda.Thierry@epa.gov](mailto:Kabanda.Thierry@epa.gov)>  
**Sent:** Friday, February 19, 2021 2:29 PM  
**To:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Cc:** OAR Invitations <[OAR\\_Invitations@epa.gov](mailto:OAR_Invitations@epa.gov)>  
**Subject:** FW: Meeting Request from API

Good afternoon,

Thank you very much for getting in touch with the Office of Air and Radiation. Acting Assistant Administrator Joe Goffman and Deputy Assistant Administrator Tomás Carbonell are delighted by your interest in meeting with them and are eager to speak with you. We are in the process of developing a longer-term calendar and will keep your request and information on hand in anticipation of contacting you shortly to respond fully to your request. Again, thank you for your interest and we look forward to connecting with you again in the near future.

---

**From:** Will Hupman <[HupmanW@api.org](mailto:HupmanW@api.org)>  
**Sent:** Friday, February 19, 2021 12:39 PM  
**To:** Goffman, Joseph <[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)>

**Cc:** Howard Feldman <[Feldman@api.org](mailto:Feldman@api.org)>; John Wagner <[Wagner@api.org](mailto:Wagner@api.org)>

**Subject:** RE: Meeting Request from API

Mr. Goffman – Happy Friday! I wanted to circle back on my note below to see if you might be able to meet with API and its member company reps in the coming weeks? Our hope is to discuss a few issues – methane, ozone & PM NAAQS, social cost of carbon, environmental justice, cost-benefit rule – and see how we may be able to be helpful as stakeholders.

I realize it's a busy time so if you recommend that we reach out to Tomás Carbonell on your team with this request, we can do that as well. Thank you for your consideration, and I hope you have a great weekend.

Will

---

**Will Hupman**

Director -- Federal Affairs

o: 202.682.8396

m: 202.615.7192

e: [hupmanw@api.org](mailto:hupmanw@api.org)



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Petroleum  
Institute

---

**From:** Will Hupman

**Sent:** Friday, February 12, 2021 9:22 AM

**To:** [goffman.joseph@epa.gov](mailto:goffman.joseph@epa.gov)

**Cc:** Howard Feldman <[Feldman@api.org](mailto:Feldman@api.org)>; John Wagner ([Wagner@api.org](mailto:Wagner@api.org)) <[Wagner@api.org](mailto:Wagner@api.org)>

**Subject:** Meeting Request from API

Mr. Goffman – Congratulations on your return to EPA. Howard, John (copied here), and I had the opportunity to join a call with you, Cynthia Giles, and Alejandra Nunez the day after Thanksgiving in your role on the transition team.

I'm reaching out to see if you and/or the appropriate folks on your team would be available to talk with API and its member companies on a handful of issues? We are hoping to discuss Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, the Cost-Benefit Rule, and any other issues where we can be helpful.

Would you have any availability to do a virtual meeting with us during the weeks of Feb. 22 – 26 or March 1 – 5? We will of course work around your schedule and can be flexible on technology platforms. Thank you for your consideration of this request. Please let me know if I can provide any additional information or materials in advance of our discussion. Have a great weekend!

Will

---

**Will Hupman**

Director -- Federal Affairs

o: 202.682.8396

m: 202.615.7192

e: [hupmanw@api.org](mailto:hupmanw@api.org)



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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/1/2021 4:54:38 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette



Meeting requests  
for Tomas: Ozone...

Joe is invited to attend. Time permitting.

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Message

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**From:** Goffman.Joseph@epa.gov [Goffman.Joseph@epa.gov]  
**Sent:** 2/26/2021 1:19:58 AM  
**To:** Briskin, Jeanne [Briskin.Jeanne@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Fisher-Durrah, Ann [Fisher-Durrah.Ann@epa.gov]  
**Subject:** Re: introduction to the Office of Children's Health Protection

Thank you so much, Jeanne, for getting in touch with me. Delaney can set something up.

Sent from my iPhone

On Feb 25, 2021, at 5:59 PM, Briskin, Jeanne <Briskin.Jeanne@epa.gov> wrote:

Dear Joe,

Welcome back to EPA!

I'm writing to offer an orientation to the Office of Children's Health Protection (OCHP). I would like to provide you with information regarding the function of our office and our historical work with OAR. Most importantly, we can discuss opportunities on how we can support you and the Administrator not only in the arena of protection children's health, but also for climate change and environmental justice.

If you let me know who your scheduler is, Ann Fisher-Durrah can work with that person to find a convenient time for us to chat.

Best,

Jeanne

**Jeanne Briskin**

Director, Office of Children's Health Protection  
U.S. Environmental Protection Agency

(202) 564-4583

<http://www.epa.gov/children>

<https://www.epa.gov/schools>

<https://www.epa.gov/aboutepa/about-office-childrens-health-protection-ochp>

## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]  
**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison



RE: Meeting requests for Tomas

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]  
**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 7:00:00 PM  
**End:** 3/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael



Meeting Request  
for Tomás Carbo...

This meeting is optional for Joe.

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/1/2021 4:54:38 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette



Meeting requests  
for Tomas: Ozone...

Joe is invited to attend. Time permitting.

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/12/2021 2:16:40 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Rachel Miller [rmiller@forbes-tate.com]  
**Subject:** General Discussion with Rachel Miller (Forbes Tate Partners) re: Climate Issues  
**Location:** Microsoft Teams Meeting  
**Start:** 2/19/2021 6:00:00 PM  
**End:** 2/19/2021 6:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Rachel Miller

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/23/2021 7:38:51 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Will Hupman [HupmanW@api.org]; bmckeon@bhfs.com  
**Subject:** HOLD || API re: Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, and Cost-Benefit Rule  
**Attachments:** RE: Meeting Request from API  
  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Will Hupman; bmckeon@bhfs.com



RE: Meeting  
Request from API

## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/1/2021 4:44:17 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]

**Subject:** 2015 Ozone Transport: Implementation Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting

**Start:** 3/25/2021 3:00:00 PM  
**End:** 3/25/2021 4:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette



Meeting requests  
for Tomas: Ozone...

Joe is invited to attend this meeting if he has time on the calendar.

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Message

---

**From:** Campbell, Ann [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B8C25A0C2FB648B6A947694A8492311E-CAMPBELL, ANN]  
**on behalf of** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/9/2021 8:38:40 PM  
**BCC:** Tsirigotis.Peter@epa.gov  
**Subject:** 886979a5-Ex. 6 Personal Privacy (PP)

**Roundtable & Open Discussion: Innovative Policy Approaches to Greenhouse Gas Reduction**

*As climate moves to center stage at the federal level, states will continue to play a key role in driving reductions of greenhouse gas (GHG) emissions. Join this panel of state and federal policymakers as they explore strategies for GHG reduction in various sectors.*

- ❖ ECOS Air Committee Chair Sheila Holman, Assistant Secretary for the Environment, North Carolina Department of Environmental Quality (moderator)
- ❖ Janet Coit, Director, Rhode Island Department of Environmental Management
- ❖ Trisha Oeth, Acting Environmental Programs Policy Advisor, Colorado Department of Public Health & Environment
- ❖ The Honorable Gina McCarthy, White House National Climate Advisor (invited)
- ❖ Vicki Arroyo, Associate Administrator for Policy, U.S. EPA

Message

---

**From:** Goffman.Joseph@epa.gov [Goffman.Joseph@epa.gov]  
**Sent:** 2/17/2021 3:25:24 PM  
**To:** Grundler, Christopher [grundler.christopher@epa.gov]  
**Subject:** Re: another bundle to take to MR could be Kigali/AIM/International Climate stuff

Exactly

Sent from my iPhone

On Feb 17, 2021, at 10:18 AM, Grundler, Christopher <grundler.christopher@epa.gov> wrote:

---

Christopher Grundler, Director  
Office of Atmospheric Programs  
U.S. Environmental Protection Agency  
202.343.9140 (o)  
734.645.5221 (m)

Message

---

**From:** Goffman.Joseph@epa.gov [Goffman.Joseph@epa.gov]  
**Sent:** 2/12/2021 2:33:43 PM  
**To:** Campbell, Ann [Campbell.Ann@epa.gov]; Rakosnik, Delaney [rakosnik.delaney@epa.gov]; Kabanda, Thierry [Kabanda.Thierry@epa.gov]  
**Subject:** Fwd: Meeting Request from API

Sent from my iPhone

Begin forwarded message:

**From:** Will Hupman <HupmanW@api.org>  
**Date:** February 12, 2021 at 9:23:08 AM EST  
**To:** "Goffman, Joseph" <Goffman.Joseph@epa.gov>  
**Cc:** Howard Feldman <Feldman@api.org>, John Wagner <Wagner@api.org>  
**Subject:** Meeting Request from API

Mr. Goffman – Congratulations on your return to EPA. Howard, John (copied here), and I had the opportunity to join a call with you, Cynthia Giles, and Alejandra Nunez the day after Thanksgiving in your role on the transition team.

I'm reaching out to see if you and/or the appropriate folks on your team would be available to talk with API and its member companies on a handful of issues? We are hoping to discuss Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, the Cost-Benefit Rule, and any other issues where we can be helpful.

Would you have any availability to do a virtual meeting with us during the weeks of Feb. 22 – 26 or March 1 – 5? We will of course work around your schedule and can be flexible on technology platforms. Thank you for your consideration of this request. Please let me know if I can provide any additional information or materials in advance of our discussion. Have a great weekend!

Will

---

**Will Hupman**  
Director – Federal Affairs  
o: 202.682.8396  
m: 202.615.7192  
e: hupmanw@api.org



## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
  
**Start:** 2/11/2021 7:00:00 PM  
**End:** 2/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov)



Request for  
International Brie...

**\*PLEASE FORWARD AS APPROPRIATE\***

---

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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/1/2021 4:54:38 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; McConnell, Robert [mccconnell.robert@epa.gov]; Simcox, Alison [simcox.alison@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]

**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting

**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette; McConnell, Robert; Simcox, Alison; Marks, Matthew



Meeting requests  
for Tomas: Ozone...

Joe is invited to attend. Time permitting.

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/23/2021 7:38:51 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Will Hupman [HupmanW@api.org]; bmckeon@bhfs.com; Will Hupman [HupmanW@api.org]; bmckeon@bhfs.com  
**Subject:** HOLD || API re: Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, and Cost-Benefit Rule  
**Attachments:** RE: Meeting Request from API  
  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Will Hupman; bmckeon@bhfs.com



RE: Meeting  
Request from API

Message

---

**From:** Goffman.Joseph@epa.gov [Goffman.Joseph@epa.gov]  
**Sent:** 2/21/2021 8:13:38 PM  
**To:** Utech, Dan [Utech.Dan@epa.gov]  
**Subject:** Re:

Yep. Dial at will.

Sent from my iPhone

On Feb 21, 2021, at 3:12 PM, Utech, Dan <Utech.Dan@epa.gov> wrote:

I didn't read my schedule correctly – can we connect at 3:30 instead?

---

**From:** Goffman, Joseph <Goffman.Joseph@epa.gov>  
**Sent:** Sunday, February 21, 2021 2:46 PM  
**To:** Utech, Dan <Utech.Dan@epa.gov>  
**Subject:** Re:

Yes. By phone OK?

Sent from my iPhone

On Feb 21, 2021, at 2:41 PM, Utech, Dan <Utech.Dan@epa.gov> wrote:

Fyi – and might you be available in the 4 pm hour?

---

**From:** Hayes, David J. EOP/WHO <David.J.Hayes@epa.gov> Ex. 6 Personal Privacy (PP)  
**Sent:** Saturday, February 20, 2021 8:44 PM  
**To:** Utech, Dan <Utech.Dan@epa.gov>  
**Subject:**

Dan:

One requested change in the talking points.

## Ex. 5 Deliberative Process (DP)

Happy to discuss.

Thanks.

David

David J. Hayes  
Special Ass't to the President for Climate Policy  
White House Climate Policy Office  
Cell: Ex. 6 Personal Privacy (PP)

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/4/2021 5:35:03 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov] [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wesson, Karen [Wesson.Karen@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Hagan, Nicole [Hagan.Nicole@epa.gov]; Perlmutter, Lars [perlmutter.lars@epa.gov]; Pekar, Zachary [Pekar.Zachary@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Hassan, Iman [Hassan.Iman@epa.gov]; Lamichhane, Archana [lamichhane.archana@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Terry, Sara [Terry.Sara@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Kelly, James [kelly.james@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Orlin, David [Orlin.David@epa.gov]; Igoe, Sheila [Igoe.Sheila@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Mozingo, Kristal [Mozingo.Kristal@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]  
**Subject:** PM NAAQS Review Discussion  
**Attachments:** FW: OAR Meeting Request\_PM NAAQS Review Discussion  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 6:00:00 PM  
**End:** 2/11/2021 6:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Sasser, Erika; Wayland, Richard; Wesson, Karen; Wayland, Robertj; Weatherhead, Darryl; Hagan, Nicole; Perlmutter, Lars; Pekar, Zachary; Chan, Elizabeth; Hassan, Iman; Lamichhane, Archana; Dolwick, Pat; Terry, Sara; Langdon, Robin; Kelly, James; Hoffer, Melissa; Srinivasan, Gautam; Orlin, David; Igoe, Sheila  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Mozingo, Kristal; Fox, Tyler



FW: OAR Meeting  
Request\_PM NA...

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## Appointment

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/1/2021 4:44:17 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]

**Subject:** 2015 Ozone Transport: Implementation Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting

**Start:** 3/25/2021 3:00:00 PM  
**End:** 3/25/2021 4:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette; Marks, Matthew



Meeting requests  
for Tomas: Ozon...

Joe is invited to attend this meeting if he has time on the calendar.

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**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 7:45:00 PM  
**End:** 2/17/2021 8:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Ndoh, Tina; Scott Mathias (Mathias.Scott@epa.gov); 'vera kornylak'



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]

**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew; Hockstad, Leif; Shoaff, John



Request for BCA  
Rule Briefing wit...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 7:07:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Leif Hockstad (Hockstad.Leif@epa.gov) [Hockstad.Leif@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]  
**CC:** Shaw, Betsy [Shaw.Betsy@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Cherepy, Andrea [Cherepy.Andrea@epa.gov]; Rowson, David [Rowson.David@epa.gov]; Smith, Alisa [Smith.Alisa@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Scavo, Kimber [Scavo.Kimber@epa.gov]; Blubaugh, Jim [Blubaugh.Jim@epa.gov]; Veal, Lee [Veal.Lee@epa.gov]; Diaz, Charlene [diaz.charlene@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Almodovar, Paul [Almodovar.Paul@epa.gov]; Gibson, Benjamin [gibson.benjamin@epa.gov]; Pinder, Robert [pinder.robert@epa.gov]; Voorhees, Scott [Voorhees.Scott@epa.gov]; Landis, Elizabeth [Landis.Elizabeth@epa.gov]; Wheeler, Carrie [Wheeler.Carrie@epa.gov]; Henderson, Barron [Henderson.Barron@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Koplitz, Shannon [koplitz.shannon@epa.gov]; Bill Irving [Irving.Bill@epa.gov]; Franklin, Pamela [Franklin.Pamela@epa.gov]; Rona Birnbaum [Birnbaum.Rona@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Bill Irving [Irving.Bill@epa.gov]; Rona Birnbaum [Birnbaum.Rona@epa.gov]  
**Subject:** International Briefing Meeting  
**Attachments:** Request for International Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting  
**Start:** 2/11/2021 6:45:00 PM  
**End:** 2/11/2021 7:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Shoaff, John; Ferland, Henry; Leif Hockstad (Hockstad.Leif@epa.gov); Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Dunham, Sarah (Dunham.Sarah@epa.gov); Grundler, Christopher; Edwards, Jonathan; Gunning, Paul  
**Optional Attendees:** Shaw, Betsy; Ann Campbell (Campbell.Ann@epa.gov); Cherepy, Andrea; Rowson, David; Smith, Alisa; Kocchi, Suzanne; Scavo, Kimber; Blubaugh, Jim; Veal, Lee; Diaz, Charlene; Sasser, Erika; Sara Terry (Terry.Sara@epa.gov); Almodovar, Paul; Gibson, Benjamin; Pinder, Robert; Voorhees, Scott; Landis, Elizabeth; Wheeler, Carrie; Henderson, Barron; Fox, Tyler; Koplitz, Shannon; Bill Irving; Franklin, Pamela; Rona Birnbaum



Request for  
International Brie...

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]

**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards

**Attachments:** Meeting Request for Tomás Carbonell

**Location:** Microsoft Teams Meeting

**Start:** 3/11/2021 6:00:00 PM

**End:** 3/11/2021 6:45:00 PM

**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)

**Optional Attendees:** Brown, Annette



Meeting Request  
for Tomás Carbo...

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 5:12:58 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]

**Subject:** 2015 Ozone Transport Strategy and Overview  
**Attachments:** RE: Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting

**Start:** 3/3/2021 6:00:00 PM  
**End:** 3/3/2021 7:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel; Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kocchi, Suzanne; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Marks, Matthew; Houyoux, Marc; Eyth, Alison; Sargeant, Kathryn



RE: Meeting requests for Tomas

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]; Ken Davidson [Davidson.Ken@epa.gov]

**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew



Request for BCA  
Rule Briefing wit...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 2:46:19 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wayland, Robertj [Wayland.Robertj@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Fann, Neal [Fann.Neal@epa.gov]; Chan, Elizabeth [Chan.Elizabeth@epa.gov]; Maniloff, Peter [Maniloff.Peter@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Davidson, Ken [Davidson.Ken@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Sara Terry (Terry.Sara@epa.gov) [Terry.Sara@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Mozingo, Kristal [Mozingo.Kristal@epa.gov]  
**CC:** Kelly, James [kelly.james@epa.gov]; Simon, Heather [Simon.Heather@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]

**Subject:** Health Benefits Approach for PM2.5 and Ozone  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting

**Start:** 2/17/2021 8:15:00 PM  
**End:** 2/17/2021 9:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Sasser, Erika; Wayland, Richard; Wayland, Robertj; Weatherhead, Darryl; Fann, Neal; Chan, Elizabeth; Maniloff, Peter; Macpherson, Alex; Dolwick, Pat; Kamal, Ali; Davidson, Ken; Hoffer, Melissa; Senter, Stephen; Sara Terry (Terry.Sara@epa.gov); Brown, Annette; Mozingo, Kristal  
**Optional Attendees:** Kelly, James; Simon, Heather; Fox, Tyler; Sargeant, Kathryn



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Goffman, Joseph [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=23474D598E8D4EDFA9214A5991F2935B-GOFFMAN, JO]  
**Sent:** 3/1/2021 4:55:33 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Subject:** Accepted: 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Recurrence:** (none)

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 9:45:00 PM  
**End:** 2/17/2021 10:15:00 PM  
**Show Time As:** Busy  
  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; DeLuca, Isabel [DeLuca.Isabel@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Howard, Jodi [Howard.Jodi@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea; Kim, Eun; DeLuca, Isabel  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Howard, Jodi



RE: Status of  
Meeting Request...

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## Microsoft Teams meeting

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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 4:29:35 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Timin, Brian [Timin.Brian@epa.gov]; Stein, Joseph [stein.joseph@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Garfinkle, Stacey [garfinkle.stacey@epa.gov]; Daly, Carl [Daly.Carl@epa.gov]; Morales, Monica [Morales.Monica@epa.gov]; Jackson, Scott [Jackson.Scott@epa.gov]; Talbert, Stephanie [Talbert.Stephanie@epa.gov]; Worstell, Aaron [Worstell.Aaron@epa.gov]; Dobrahner, Jaslyn [Dobrahner.Jaslyn@epa.gov]; Thomas, Deb [thomas.debrah@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]  
**Subject:** Wyoming's RH first planning period SIP for the Wyodak and Jim Bridger facilities  
**Attachments:** Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 7:00:00 PM  
**End:** 2/25/2021 8:00:00 PM  
**Show Time As:** Tentative

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera S.; Palma, Elizabeth; Timin, Brian; Stein, Joseph; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Hogan, Stephanie; Garfinkle, Stacey; Daly, Carl; Morales, Monica; Jackson, Scott; Talbert, Stephanie; Worstell, Aaron; Dobrahner, Jaslyn; Thomas, Deb  
**Optional Attendees:** Senter, Stephen; Brown, Annette



Meeting requests  
for Tomas

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]; Damberg, Rich [Damberg.Rich@epa.gov]; Baker, Kirk [Baker.Kirk@epa.gov]

**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 7:00:00 PM  
**End:** 3/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael; Damberg, Rich; Baker, Kirk



Meeting Request  
for Tomás Carbo...

This meeting is optional for Joe.

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*  
**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew



Request for BCA  
Rule Briefing wit...

**\*PLEASE FORWARD AS APPROPRIATE\***

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]; Mark Morris [morris.mark37@gmail.com]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]; Mark Morris [morris.mark37@gmail.com]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 10:30:00 PM  
**End:** 2/17/2021 11:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Scott Mathias (Mathias.Scott@epa.gov); 'vera kornylak'; Mark Morris



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]

**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting  
**Location:** Microsoft Teams Meeting

**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy

**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda



FW: OAR Meeting  
Request: Bi-Wee...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/5/2021 4:43:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Newberg, Cindy [Newberg.Cindy@epa.gov]; Akerman, Nancy [Akerman.Nancy@epa.gov]; Cappel, Kirsten [Cappel.Kirsten@epa.gov]; Chaudhary, Dimple [Chaudhary.Dimple@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Bianco, Karen [Bianco.Karen@epa.gov]; Williams, Melina [Williams.Melina@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**CC:** Hockstad, Leif [Hockstad.Leif@epa.gov]  
**Subject:** Kigali Amendment Ratification: Interagency Discussion  
**Attachments:** Meeting request: Kigali Amendment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/10/2021 9:15:00 PM  
**End:** 2/10/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Grundler, Christopher; Kocchi, Suzanne; Newberg, Cindy; Akerman, Nancy; Cappel, Kirsten; Chaudhary, Dimple; Srinivasan, Gautam; Bianco, Karen; Williams, Melina; Ferland, Henry; Hoffer, Melissa; Carbonell, Tomas; Shoaff, John; Nunez, Alejandra  
**Optional Attendees:** Hockstad, Leif



Meeting request:  
Kigali Amendment

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting; Untitled Attachment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda; Grundler, Christopher  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/23/2021 7:38:51 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Will Hupman [HupmanW@api.org]; bmckeon@bhfs.com; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]  
**CC:** Kim, Eun [Kim.Eun@epa.gov]  
**Subject:** HOLD || API re: Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, and Cost-Benefit Rule  
**Attachments:** RE: Meeting Request from API  
**Location:** TBD  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Will Hupman; bmckeon@bhfs.com; Carbonell, Tomas; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Kocchi, Suzanne; Shoaff, John  
**Optional Attendees:** Kim, Eun



RE: Meeting  
Request from API

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/23/2021 7:38:51 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Will Hupman [HupmanW@api.org]; bmckeon@bhfs.com  
**Subject:** HOLD || API re: Topics of discussion are: Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, and Cost-Benefit Rule  
**Attachments:** RE: Meeting Request from API  
  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Will Hupman; bmckeon@bhfs.com



RE: Meeting  
Request from API

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*  
**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria



Request for BCA  
Rule Briefing wit...

**\*PLEASE FORWARD AS APPROPRIATE\***

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**From:** Mercado Violand, Fernando [MercadoVioland.Fernando@epa.gov]  
**Sent:** 3/3/2021 5:29:03 PM  
**To:** Mercado Violand, Fernando [MercadoVioland.Fernando@epa.gov]; Harris, Sincere [Harris.Sincere@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]; Garbow, Avi [Garbow.Avi@epa.gov]; Cassady, Alison [Cassady.Alison@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Arroyo, Victoria [Arroyo.Victoria@epa.gov]; Frey, Christopher [Frey.Christopher@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Katims, Casey [Katims.Casey@epa.gov]; Efron, Brent [Efron.Brent@epa.gov]; Levy, Maxwell [Levy.Maxwell@epa.gov]; Goldberg, Ruby [Goldberg.Ruby@epa.gov]; Sabater, Juan [Sabater.Juan@epa.gov]; Fine, Philip [Fine.Philip@epa.gov]; Waterhouse, Carlton [Waterhouse.Carlton@epa.gov]; Michalos, Maria [Michalos.Maria@epa.gov]; Fox, Radhika [Fox.Radhika@epa.gov]; Hamilton, Lindsay [Hamilton.Lindsay@epa.gov]; Chaudhary, Dimple [Chaudhary.Dimple@epa.gov]; Enobakhare, Rosemary [Enobakhare.Rosemary@epa.gov]; Adhar, Radha [Adhar.Radha@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Lucey, John [Lucey.John.D@epa.gov]; Lance, Kathleen [Lance.Kathleen@epa.gov]; Blythers, Dorien [Blythers.Dorien@epa.gov]; Conger, Nick [Conger.Nick@epa.gov]; Chase, Joann [Chase.Joann@epa.gov]; Engelman-Lado, Marianne [EngelmanLado.Marianne@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Diaz, Catherine [Diaz.Catherine@epa.gov]; Mayock, Andrew [Mayock.Andrew@epa.gov]; O'Brien, Grant [OBrien.Grant@epa.gov]; Freedhoff, Michal [Freedhoff.Michal@epa.gov]  
**Subject:** Climate Cluster Happy Hour with Secretary of Energy Jennifer Granholm  
**Start:** 3/5/2021 11:00:00 PM  
**End:** 3/6/2021  
**Show Time As:** Busy  
**Recurrence:** (none)  
**Required Attendees:** Harris, Sincere; Utech, Dan; Garbow, Avi; Cassady, Alison; Hoffer, Melissa; Arroyo, Victoria; Frey, Christopher; Goffman, Joseph; Katims, Casey; Efron, Brent; Levy, Maxwell; Goldberg, Ruby; Sabater, Juan; Fine, Philip; Waterhouse, Carlton; Michalos, Maria; Fox, Radhika; Hamilton, Lindsay; Chaudhary, Dimple; Enobakhare, Rosemary; Adhar, Radha; Carbonell, Tomas; Lucey, John; Lance, Kathleen; Blythers, Dorien; Conger, Nick; Chase, Joann; Engelman-Lado, Marianne; Nunez, Alejandra; Kim, Eun; Diaz, Catherine; Mayock, Andrew; O'Brien, Grant; Freedhoff, Michal

Dear Appointees,

The Biden-Harris Administration's Climate Cluster invites you to join us for our All Climate First Friday and Women's History Month event with Rachel Wallace (White House Office of Presidential Personnel) and the Department of Energy's Secretary Jennifer Granholm as well as a climate messaging training with outside partners at LCV and ClimatePower. We'll learn how we can speak most persuasively to Americans about President Biden's ambitious agenda on climate change.

This event will take place at 6PM ET on Friday, March 5. The event will not be recorded.

Please register at the Zoom RSVP link below.

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<https://science-doe.zoomgov.com/join/91234567890>

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Howard, Jodi [Howard.Jodi@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Howard, Jodi



RE: Status of  
Meeting Request...

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**From:** Rakosnik, Delaney [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=274573739a9f446883072599086ededd-Rakosnik, D]  
**Sent:** 3/3/2021 4:31:38 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Josh Lewis (Lewis.Josh@epa.gov) [Lewis.Josh@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hutson, Nick [Hutson.Nick@epa.gov]; Swanson, Nicholas [Swanson.Nicholas@epa.gov]; Fellner, Christian [Fellner.Christian@epa.gov]; Werner, Christopher [Werner.Christopher@epa.gov]; Honda, Gregory [honda.gregory@epa.gov]; King, Melanie [King.Melanie@epa.gov]; Johnson, Mary [Johnson.Mary@epa.gov]; Thompson, Lisa [Thompson.Lisa@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Keaveny, Brian [Keaveny.Brian@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Santiago, Juan [Santiago.Juan@epa.gov]; Vetter, Cheryl [Vetter.Cheryl@epa.gov]; Baker, Sarah [baker.sarah@epa.gov]; Sugerik, Corey [Sugerik.Corey@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Ashley, Jackie [Ashley.Jackie@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Rao, Raj [Rao.Raj@epa.gov]; Svendsgaard, Dave [Svendsgaard.Dave@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Gates, Adrian [gates.adrian@epa.gov]  
**CC:** Schramm, Daniel (Schramm.Daniel@epa.gov) [Schramm.Daniel@epa.gov]; Ashley, John [ashley.john@epa.gov]  
**Subject:** Natural Gas Utilization and GHG Emissions at Electric Generating Units  
**Attachments:** BRIEFING MATERIALS: March 4 Goffman Briefing: Primary Copper Smelting RTR Proposal Rule - Informational Briefing  
**Location:** Microsoft Teams Meeting  
**Start:** 3/9/2021 8:00:00 PM  
**End:** 3/9/2021 8:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Josh Lewis (Lewis.Josh@epa.gov); Lassiter, Penny; Cozzie, David; South, Peter; McLamb, Marguerite; Hutson, Nick; Swanson, Nicholas; Fellner, Christian; Werner, Christopher; Honda, Gregory; King, Melanie; Johnson, Mary; Thompson, Lisa; Sasser, Erika; Weatherhead, Darryl; Keaveny, Brian; Mathias, Scott; Santiago, Juan; Vetter, Cheryl; Baker, Sarah; Sugerik, Corey; Wayland, Richard; Wood, Anna; Noonan, Jenny; Ashley, Jackie; Fruh, Steve; Marsh, Karen; Hambrick, Amy; Rao, Raj; Svendsgaard, Dave; Grundler, Christopher; Harvey, Reid; Gunning, Paul; Stenhouse, Jeb; DeFigueiredo, Mark; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Hogan, Stephanie; Vijayan, Abi; Hoffman, Howard; Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Gates, Adrian  
**Optional Attendees:** Schramm, Daniel (Schramm.Daniel@epa.gov); Ashley, John



BRIEFING  
MATERIALS: Ma...

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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]

**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards

**Attachments:** Meeting Request for Tomás Carbonell

**Location:** Microsoft Teams Meeting

**Start:** 3/11/2021 6:00:00 PM

**End:** 3/11/2021 6:45:00 PM

**Show Time As:** Tentative

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)

**Optional Attendees:** Brown, Annette



Meeting Request  
for Tomás Carbo...

---

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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]  
**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 7:00:00 PM  
**End:** 3/11/2021 7:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael



Meeting Request  
for Tomás Carbo...

This meeting is optional for Joe.

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Ken Davidson [Davidson.Ken@epa.gov]

**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali



Request for BCA  
Rule Briefing wit...

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/1/2021 4:54:38 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Jones, Rhea [Jones.Rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; McConnell, Robert [mcconnell.robert@epa.gov]; Simcox, Alison [simcox.alison@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]  
**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Attachments:** Meeting requests for Tomas: Ozone Transport  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette; McConnell, Robert; Simcox, Alison; Marks, Matthew; Murray, Beth



Meeting requests  
for Tomas: Ozone...

Joe is invited to attend. Time permitting.

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Ndoh, Tina [Ndoh.Tina@epa.gov]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 7:45:00 PM  
**End:** 2/17/2021 8:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Ndoh, Tina; Scott Mathias (Mathias.Scott@epa.gov); 'vera kornylak'



RE: Status of  
Meeting Request...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*  
**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah (Dunham.Sarah@epa.gov); Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth  
**Optional Attendees:** Ken Davidson; Kamal, Ali



Request for BCA  
Rule Briefing wit...

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**Sent:** 2/19/2021 3:53:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_Noel@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]  
**Subject:** General Discussion with Dave Tenney re: Climate Change  
**Location:** Microsoft Teams Meeting  
**Start:** 2/24/2021 9:30:00 PM  
**End:** 2/24/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Dave Tenny; Paul\_Noel@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Grundler, Christopher

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]; Mark Morris [morris.mark37@gmail.com]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 10:30:00 PM  
**End:** 2/17/2021 11:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea; Kim, Eun  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Scott Mathias (Mathias.Scott@epa.gov); 'vera kornylak'; Mark Morris



RE: Status of  
Meeting Request...

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**From:** Willis, Sharnett [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=97B55BDFAC5E41D8AA81064DFA2CB944-WILLIS, SHARNETT]  
**Sent:** 2/16/2021 9:53:29 PM  
**To:** Utech, Dan [Utech.Dan@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Cassady, Alison [Cassady.Alison@epa.gov]; Enobakhare, Rosemary [Enobakhare.Rosemary@epa.gov]; Hamilton, Lindsay [Hamilton.Lindsay@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]  
**Subject:** Planning Session with OAR  
**Attachments:** OAR Planning Session\_021721.pptx  
**Location:** Microsoft Teams Meeting  
  
**Start:** 2/17/2021 2:30:00 PM  
**End:** 2/17/2021 3:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Cassady, Alison; Enobakhare, Rosemary; Hamilton, Lindsay; Carbonell, Tomas; Nunez, Alejandra; Kim, Eun; Tsirigotis, Peter; Grundler, Christopher; Dunham, Sarah; Edwards, Jonathan; Shaw, Betsy; Shoaff, John; Campbell, Ann

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/23/2021 7:38:51 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Will Hupman [HupmanW@api.org]; bmckeon@bhfs.com; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**Subject:** Meeting with API re: Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, and Cost-Benefit Rule  
**Attachments:** RE: Meeting Request from API  
**Location:** Teams  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Kim, Eun; Will Hupman; bmckeon@bhfs.com; Carbonell, Tomas; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Kocchi, Suzanne; Shoaff, John; Gunning, Paul



RE: Meeting  
Request from API

### API 3/3 meeting attendees

Howard Feldman, API  
John Wagner, API  
Will Hupman, API  
Matt Todd, API  
Kevin Avery, ConocoPhillips  
Lesley Schaaff, Hess  
Mariana Diez, ExxonMobil  
Jay Thompson, Chevron  
Marnie Funk, Shell  
Leslie Arnold, BHP  
Misty McGowen, Phillips 66  
Kim Harb, Alyeska Pipeline  
Brenda Allen, Motiva  
Hilary Moffett, Occidental  
Andrew Holleman, Cheniere  
Julia Price-Madison, Baker Hughes  
Shea Loper, Ovintiv

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth



Request for BCA  
Rule Briefing wit...

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**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Ann Campbell [Campbell.Ann@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Lee, Raymond [Lee.Raymond@epa.gov]; Ken Davidson [Davidson.Ken@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*  
**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
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**Required Attendees:** Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah (Dunham.Sarah@epa.gov); Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth; Ann Campbell (Campbell.Ann@epa.gov); Kim, Eun  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew; Hockstad, Leif; Shoaff, John; Marks, Matthew; Lee, Raymond



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**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Ndoh, Tina [Ndoh.Tina@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 9:00:00 PM  
**End:** 2/22/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Ndoh, Tina



RE: Status of  
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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:21:37 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barry@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Mckelvey, Laura [Mckelvey.Laura@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Anna Wood (Wood.Ann@epa.gov) [Wood.Ann@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]  
**Subject:** EtO Sterilizers Briefing (Part 2)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 10:00:00 PM  
**End:** 2/22/2021 10:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Mckelvey, Laura; Tina Ndoh (Ndoh.Tina@epa.gov); Anna Wood (Wood.Ann@epa.gov); Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Scott Mathias (Mathias.Scott@epa.gov) [Mathias.Scott@epa.gov]; 'vera kornylak' [kornylak.vera@epa.gov]; Mark Morris [morris.mark37@gmail.com]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 10:30:00 PM  
**End:** 2/17/2021 11:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Scott Mathias (Mathias.Scott@epa.gov); 'vera kornylak'; Mark Morris



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/23/2021 7:38:51 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Will Hupman [HupmanW@api.org]; bmckeon@bhfs.com; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]  
**Subject:** HOLD || API re: Methane, Ozone & PM NAAQS, Social Cost of Carbon, Environmental Justice, and Cost-Benefit Rule  
**Attachments:** RE: Meeting Request from API  
**Location:** TBD  
  
**Start:** 3/3/2021 9:00:00 PM  
**End:** 3/3/2021 9:30:00 PM  
**Show Time As:** Busy

**Required Attendees:** Kim, Eun; Will Hupman; bmckeon@bhfs.com; Carbonell, Tomas; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Kocchi, Suzanne; Shoaff, John; Gunning, Paul



RE: Meeting  
Request from API

## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah (Dunham.Sarah@epa.gov); Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth



Request for BCA  
Rule Briefing wit...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Ken Davidson [Davidson.Ken@epa.gov]; Kamal, Ali [Kamal.Ali@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Simons, Andrew [Simons.Andrew@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Lee, Raymond [Lee.Raymond@epa.gov]

**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*

**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah (Dunham.Sarah@epa.gov); Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth; Ann Campbell (Campbell.Ann@epa.gov); Kim, Eun  
**Optional Attendees:** Ken Davidson; Kamal, Ali; Helfand, Gloria; Simons, Andrew; Hockstad, Leif; Shoaff, John; Marks, Matthew; Lee, Raymond



Request for BCA  
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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/19/2021 3:53:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]  
**CC:** Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]

**Subject:** General Discussion with Dave Tenney re: Climate Change  
**Location:** Microsoft Teams Meeting

**Start:** 2/24/2021 9:30:00 PM  
**End:** 2/24/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Gunning, Paul; Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Dave Tenny; Paul\_No@afandpa.org; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Grundler, Christopher  
**Optional Attendees:** Kocchi, Suzanne

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*  
**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah (Dunham.Sarah@epa.gov); Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth



Request for BCA  
Rule Briefing wit...

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## Appointment

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**From:** Kabanda, Thierry [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b1a9a772e3c946cb99a35da45f43de6c-Kabanda, Th]  
**Sent:** 2/26/2021 5:43:08 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Anne L. Kelly [kelly@ceres.org]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Carolyn Snyder (Snyder.Carolyn@epa.gov) [Snyder.Carolyn@epa.gov]; Jeremy Symons [jeremy@symonspa.com]; Gunning, Paul [Gunning.Paul@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; 'Dunham, Sarah (Dunham.Sarah@epa.gov)' [Dunham.Sarah@epa.gov]; Benjamin Hengst [Hengst.Benjamin@epa.gov]; Anne L. Kelly [kelly@ceres.org]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carolyn Snyder (Snyder.Carolyn@epa.gov) [Snyder.Carolyn@epa.gov]; Jeremy Symons [jeremy@symonspa.com]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; 'Dunham, Sarah (Dunham.Sarah@epa.gov)' [Dunham.Sarah@epa.gov]; Benjamin Hengst [Hengst.Benjamin@epa.gov]  
**CC:** Julie Brown [jbrown@ceres.org]; Kim, Eun [Kim.Eun@epa.gov]; emailsymons@gmail.com; Julie Brown [jbrown@ceres.org]; emailsymons@

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**Subject:** Meet with Anne Kelley of Ceres  
**Attachments:** Re: Meeting Request: Ceres; Topics for EPA discussion.pdf  
**Location:** Microsoft Teams Meeting  
**Start:** 3/5/2021 9:00:00 PM  
**End:** 3/5/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Anne L. Kelly; Carbonell, Tomas; Nunez, Alejandra; Kocchi, Suzanne; Carolyn Snyder (Snyder.Carolyn@epa.gov); Jeremy Symons; Gunning, Paul; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); 'Dunham, Sarah (Dunham.Sarah@epa.gov)'; Benjamin Hengst  
**Optional Attendees:** Julie Brown; Kim, Eun; emailsymons@

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Re: Meeting  
Request: Ceres



Topics for EPA  
discussion.pdf

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]  
**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 7:00:00 PM  
**End:** 3/11/2021 7:45:00 PM  
**Show Time As:** Tentative

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael



Meeting Request  
for Tomás Carbo...

This meeting is optional for Joe.

## Microsoft Teams meeting

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## Appointment

---

**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/8/2021 4:32:17 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Dunham, Sarah (Dunham.Sarah@epa.gov) [Dunham.Sarah@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]; Edwards, Jonathan [Edwards.Jonathan@epa.gov]; Mosser, Jennifer [Mosser.Jennifer@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Charmley, William [charmley.william@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Wolfson, Steve [Wolfson.Steve@epa.gov]; anderson, lea [anderson.lea@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Talty, Mark [Talty.Mark@epa.gov]; Kopits, Elizabeth [Kopits.Elizabeth@epa.gov]  
**Subject:** Review OAR BCA Rule and Options with EO  
**Attachments:** Request for BCA Rule Briefing with new IO Political Leadership (Joe/Ale/Tomas)  
**Location:** Microsoft Teams Meeting \*PLEASE FORWARD AS APPROPRIATE\*  
**Start:** 2/9/2021 7:15:00 PM  
**End:** 2/9/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Nunez, Alejandra; Carbonell, Tomas; Grundler, Christopher; Dunham, Sarah (Dunham.Sarah@epa.gov); Sargeant, Kathryn; Edwards, Jonathan; Mosser, Jennifer; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Sasser, Erika; Weatherhead, Darryl; Charmley, William; Ting, Kaytrue; Wolfson, Steve; anderson, lea; Srinivasan, Gautam; Talty, Mark; Kopits, Elizabeth



Request for BCA  
Rule Briefing wit...

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## Appointment

---

**From:** Mercado Violand, Fernando [MercadoVioland.Fernando@epa.gov]  
**Sent:** 3/3/2021 5:15:17 PM  
**To:** Mercado Violand, Fernando [MercadoVioland.Fernando@epa.gov]; Harris, Sincere [Harris.Sincere@epa.gov]; Utech, Dan [Utech.Dan@epa.gov]; Garbow, Avi [Garbow.Avi@epa.gov]; Cassidy, Alison [Cassady.Alison@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Arroyo, Victoria [Arroyo.Victoria@epa.gov]; Frey, Christopher [Frey.Christopher@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Katims, Casey [Katims.Casey@epa.gov]; Efron, Brent [Efron.Brent@epa.gov]; Levy, Maxwell [Levy.Maxwell@epa.gov]; Goldberg, Ruby [Goldberg.Ruby@epa.gov]; Sabater, Juan [Sabater.Juan@epa.gov]; Fine, Philip [Fine.Philip@epa.gov]; Waterhouse, Carlton [Waterhouse.Carlton@epa.gov]; Michalos, Maria [Michalos.Maria@epa.gov]; Fox, Radhika [Fox.Radhika@epa.gov]; Hamilton, Lindsay [Hamilton.Lindsay@epa.gov]; Chaudhary, Dimple [Chaudhary.Dimple@epa.gov]; Enobakhare, Rosemary [Enobakhare.Rosemary@epa.gov]; Adhar, Radha [Adhar.Radha@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Lucey, John [Lucey.John.D@epa.gov]; Lance, Kathleen [Lance.Kathleen@epa.gov]; Blythers, Dorien [Blythers.Dorien@epa.gov]; Conger, Nick [Conger.Nick@epa.gov]; Chase, Joann [Chase.Joann@epa.gov]; Engelman-Lado, Marianne [EngelmanLado.Marianne@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]; Diaz, Catherine [Diaz.Catherine@epa.gov]; Mayock, Andrew [Mayock.Andrew@epa.gov]; O'Brien, Grant [OBrien.Grant@epa.gov]  
**Subject:** Climate Cluster Happy Hour with Secretary of Energy Jennifer Granholm  
**Start:** 3/5/2021 11:00:00 PM  
**End:** 3/6/2021  
**Show Time As:** Busy  
**Recurrence:** (none)  
**Required Attendees:** Harris, Sincere; Utech, Dan; Garbow, Avi; Cassidy, Alison; Hoffer, Melissa; Arroyo, Victoria; Frey, Christopher; Goffman, Joseph; Katims, Casey; Efron, Brent; Levy, Maxwell; Goldberg, Ruby; Sabater, Juan; Fine, Philip; Waterhouse, Carlton; Michalos, Maria; Fox, Radhika; Hamilton, Lindsay; Chaudhary, Dimple; Enobakhare, Rosemary; Adhar, Radha; Carbonell, Tomas; Lucey, John; Lance, Kathleen; Blythers, Dorien; Conger, Nick; Chase, Joann; Engelman-Lado, Marianne; Nunez, Alejandra; Kim, Eun; Diaz, Catherine; Mayock, Andrew; O'Brien, Grant

Dear Appointees,

The Biden-Harris Administration's Climate Cluster invites you to join us for our All Climate First Friday and Women's History Month event with Rachel Wallace (White House Office of Presidential Personnel) and the Department of Energy's Secretary Jennifer Granholm as well as a climate messaging training with outside partners at LCV and ClimatePower. We'll learn how we can speak most persuasively to Americans about President Biden's ambitious agenda on climate change.

This event will take place at 6PM ET on Friday, March 5. The event will not be recorded.

Please register at the Zoom RSVP link below.

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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]  
**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 7:00:00 PM  
**End:** 3/11/2021 7:45:00 PM  
**Show Time As:** Tentative

**Required Attendees:** Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael



Meeting Request  
for Tomás Carbo...

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## Appointment

---

**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/8/2021 4:29:35 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Timin, Brian [Timin.Brian@epa.gov]; Stein, Joseph [stein.joseph@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Garfinkle, Stacey [garfinkle.stacey@epa.gov]; Daly, Carl [Daly.Carl@epa.gov]; Morales, Monica [Morales.Monica@epa.gov]; Jackson, Scott [Jackson.Scott@epa.gov]; Talbert, Stephanie [Talbert.Stephanie@epa.gov]; Worstell, Aaron [Worstell.Aaron@epa.gov]; Dobrahner, Jaslyn [Dobrahner.Jaslyn@epa.gov]; Thomas, Deb [thomas.debrah@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Greenglass, Nora [Greenglass.Nora@epa.gov]  
**Subject:** Wyoming's RH first planning period SIP for the Wyodak and Jim Bridger facilities  
**Attachments:** Meeting requests for Tomas  
**Location:** Microsoft Teams Meeting  
**Start:** 2/25/2021 7:00:00 PM  
**End:** 2/25/2021 8:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Tsirigotis, Peter; Koerber, Mike; Mathias, Scott; Kornylak, Vera S.; Palma, Elizabeth; Timin, Brian; Stein, Joseph; Hoffer, Melissa; Srinivasan, Gautam; Marks, Matthew; Hogan, Stephanie; Garfinkle, Stacey; Daly, Carl; Morales, Monica; Jackson, Scott; Talbert, Stephanie; Worstell, Aaron; Dobrahner, Jaslyn; Thomas, Deb  
**Optional Attendees:** Senter, Stephen; Brown, Annette; Greenglass, Nora (Greenglass.Nora@epa.gov)



Meeting requests  
for Tomas

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/19/2021 3:53:50 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_Noel@afandpa.org; Alejandra Nunez (Nunez.Alejandra@epa.gov) [Nunez.Alejandra@epa.gov]; Dave Tenny [dtenny@nafoalliance.org]; Paul\_Noel@afandpa.org  
**Subject:** General Discussion with Dave Tenney re: Climate Change  
**Location:** Microsoft Teams Meeting  
**Start:** 2/24/2021 9:30:00 PM  
**End:** 2/24/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Alejandra Nunez (Nunez.Alejandra@epa.gov); Dave Tenny; Paul\_Noel@afandpa.org

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 2/22/2021 6:05:13 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Goffman, Joseph [Goffman.Joseph@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Kornylak, Vera S. [Kornylak.Vera@epa.gov]; Brachtl, Megan [Brachtl.Megan@epa.gov]; Lingard, Robert [Lingard.Robert@epa.gov]; Stackhouse, Butch [Stackhouse.Butch@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Scott, Denise [Scott.Denise@epa.gov]; McKinley, Gobeail [McKinley.Gobeail@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Naess, Liz [Naess.Liz@epa.gov]; Wells, Benjamin [Wells.Benjamin@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Ting, Kaytrue [Ting.Kaytrue@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Pettit, Elizabeth (Libby) [pettit.elizabetha@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Wilcox, Geoffrey [wilcox.geoffrey@epa.gov]; Palmer, Karen [Palmer.Karen@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Kapichak, Rudolph [kapichak.rudolph@epa.gov]; Winkelmann, Joe (Joseph) [winkelmann.joseph@epa.gov]  
**CC:** Brown, Annette [Brown.Annette@epa.gov]; Henderson, Barron [henderson.barron@epa.gov]; Millar, Emily [Millar.Emily@epa.gov]; Raps, Virginia [raps.virginia@epa.gov]; Ling, Michael [Ling.Michael@epa.gov]  
**Subject:** Determinations of Attainment by the Attainment Date and Reclassifications for the 2008 and 2015 Ozone National Ambient Air Quality Standards  
**Attachments:** Meeting Request for Tomás Carbonell  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 6:00:00 PM  
**End:** 3/11/2021 6:45:00 PM  
**Show Time As:** Busy

**Required Attendees:** Carbonell, Tomas; Goffman, Joseph; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Kornylak, Vera S.; Brachtl, Megan; Lingard, Robert; Stackhouse, Butch; Palma, Elizabeth; Scott, Denise; McKinley, Gobeail; Wayland, Richard; Naess, Liz; Wells, Benjamin; Senter, Stephen; Hoffer, Melissa; Seidman, Emily; Ting, Kaytrue; Mills, Derek; Pettit, Elizabeth (Libby); Buchsbaum, Seth; Wilcox, Geoffrey; Palmer, Karen; Srinivasan, Gautam; Patulski, Meg; Simon, Karl; Kapichak, Rudolph; Winkelmann, Joe (Joseph)  
**Optional Attendees:** Brown, Annette; Henderson, Barron; Millar, Emily; Raps, Virginia; Ling, Michael



Meeting Request  
for Tomás Carbo...

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/5/2021 4:43:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Newberg, Cindy [Newberg.Cindy@epa.gov]; Akerman, Nancy [Akerman.Nancy@epa.gov]; Cappel, Kirsten [Cappel.Kirsten@epa.gov]; Chaudhary, Dimple [Chaudhary.Dimple@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Bianco, Karen [Bianco.Karen@epa.gov]; Williams, Melina [Williams.Melina@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Kigali Amendment Ratification: Interagency Discussion  
**Attachments:** Meeting request: Kigali Amendment  
**Location:** Microsoft Teams Meeting  
**Start:** 2/10/2021 9:15:00 PM  
**End:** 2/10/2021 10:00:00 PM  
**Show Time As:** Busy

**Required Attendees:** Grundler, Christopher; Kocchi, Suzanne; Newberg, Cindy; Akerman, Nancy; Cappel, Kirsten; Chaudhary, Dimple; Srinivasan, Gautam; Bianco, Karen; Williams, Melina; Ferland, Henry; Hoffer, Melissa; Carbonell, Tomas; Shoaff, John; Nunez, Alejandra



Meeting request:  
Kigali Amendment

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/16/2021 5:16:00 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Shaw, Betsy [Shaw.Betsy@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; South, Peter [South.Peter@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Witt, Jon [Witt.Jon@epa.gov]; Witosky, Matthew [Witosky.Matthew@epa.gov]; Spells, Charlene [Spells.Charlene@epa.gov]; Ferguson, Gregory [ferguson.gregory@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Parker, Barrett [Parker.Barrett@epa.gov]; Lessard, Patrick [Lessard.Patrick@epa.gov]; Sasser, Erika [Sasser.Erika@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Morris, Mark [Morris.Mark@epa.gov]; Saili, Katherine [saili.katherine@epa.gov]; Vasu, Amy [Vasu.Amy@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Petesch, Theresa (Tess) [petesch.theresa@epa.gov]; Dowd, Gregory [Dowd.Gregory@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Johnson, Steffan [johnson.steffan@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]; Davis, Alison [Davis.Alison@epa.gov]; Bremer, Kristen [Bremer.Kristen@epa.gov]; Wright, Rhonda [Wright.Rhonda@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Holly Wilson (Wilson.Holly@epa.gov) [Wilson.Holly@epa.gov]; Tina Ndoh (Ndoh.Tina@epa.gov) [Ndoh.Tina@epa.gov]; Wood, Anna [Wood.Anna@epa.gov]; Versace, Paul [Versace.Paul@epa.gov]; anderson, lea [anderson.lea@epa.gov]  
**CC:** Senter, Stephen [Senter.Stephen@epa.gov]; Schaefer, John [Schaefer.John@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Ndoh, Tina [Ndoh.Tina@epa.gov]  
**Subject:** Ethylene Oxide briefing (Part 1)  
**Attachments:** RE: Status of Meeting Requests for Joe  
**Location:** Microsoft Teams Meeting  
**Start:** 2/17/2021 7:45:00 PM  
**End:** 2/17/2021 8:15:00 PM  
**Show Time As:** Busy

**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Shaw, Betsy; Nunez, Alejandra; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; South, Peter; Fruh, Steve; McLamb, Marguerite; Witt, Jon; Witosky, Matthew; Spells, Charlene; Ferguson, Gregory; Crowley, Kate; Parker, Barrett; Lessard, Patrick; Sasser, Erika; Rimer, Kelly; Morris, Mark; Saili, Katherine; Vasu, Amy; Weatherhead, Darryl; Langdon, Robin; Petesch, Theresa (Tess); Dowd, Gregory; Wayland, Richard; Johnson, Steffan; Shappley, Ned; Noonan, Jenny; Davis, Alison; Bremer, Kristen; Wright, Rhonda; Jones, Rhea; Holly Wilson (Wilson.Holly@epa.gov); Tina Ndoh (Ndoh.Tina@epa.gov); Wood, Anna; Versace, Paul; anderson, lea  
**Optional Attendees:** Senter, Stephen; Schaefer, John; Brown, Annette; Joseph, Wanda; Eck, Janet; Ndoh, Tina



RE: Status of  
Meeting Request...

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## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/5/2021 4:43:45 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Kocchi, Suzanne [Kocchi.Suzanne@epa.gov]; Newberg, Cindy [Newberg.Cindy@epa.gov]; Akerman, Nancy [Akerman.Nancy@epa.gov]; Cappel, Kirsten [Cappel.Kirsten@epa.gov]; Chaudhary, Dimple [Chaudhary.Dimple@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Bianco, Karen [Bianco.Karen@epa.gov]; Williams, Melina [Williams.Melina@epa.gov]; Ferland, Henry [Ferland.Henry@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Shoaff, John [Shoaff.John@epa.gov]; Nunez, Alejandra [Nunez.Alejandra@epa.gov]

**Subject:** Kigali Amendment Ratification: Interagency Discussion

**Attachments:** Meeting request: Kigali Amendment

**Location:** Microsoft Teams Meeting

**Start:** 2/10/2021 9:15:00 PM

**End:** 2/10/2021 10:00:00 PM

**Show Time As:** Busy

**Required Attendees:** Grundler, Christopher; Kocchi, Suzanne; Newberg, Cindy; Akerman, Nancy; Cappel, Kirsten; Chaudhary, Dimple; Srinivasan, Gautam; Bianco, Karen; Williams, Melina; Ferland, Henry; Hoffer, Melissa; Carbonell, Tomas; Shoaff, John; Nunez, Alejandra



Meeting request:  
Kigali Amendment

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## Appointment

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**From:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]  
**Sent:** 3/9/2021 5:01:49 PM  
**To:** Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Campbell, Ann [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Mathias, Scott [Mathias.Scott@epa.gov]; Wayland, Richard [Wayland.Richard@epa.gov]; Erika Sasser (Sasser.Erika@epa.gov) [Sasser.Erika@epa.gov]; Jones, Rhea [jones.rhea@epa.gov]; Palma, Elizabeth [Palma.Elizabeth@epa.gov]; Fox, Tyler [Fox.Tyler@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Selbst, Elizabeth [selbst.elizabeth@epa.gov]; Uher, Thomas [uher.thomas@epa.gov]; Dejong, Holly [Dejong.Holly@epa.gov]; Langdon, Robin [Langdon.Robin@epa.gov]; Possiel, Norm [Possiel.Norm@epa.gov]; Grundler, Christopher [grundler.christopher@epa.gov]; Harvey, Reid [Harvey.Reid@epa.gov]; Stenhouse, Jeb [Stenhouse.Jeb@epa.gov]; Hooper, Daniel [hooper.daniel@epa.gov]; Haeuber, Richard [Haeuber.Richard@epa.gov]; Fisher, Brian [Fisher.Brian@epa.gov]; Lifland, David [Lifland.David@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Patulski, Meg [patulski.meg@epa.gov]; Hoffer, Melissa [Hoffer.Melissa@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]; Seidman, Emily [seidman.emily@epa.gov]; Schramm, Daniel [Schramm.Daniel@epa.gov] [Schramm.Daniel@epa.gov]; Hambright, Rosemary [Hambright.Rosemary.E@epa.gov]; Hamjian, Lynne [Hamjian.Lynne@epa.gov]; Greene, Cynthia [Greene.Cynthia@epa.gov]; Rogan, John [Rogan.John@epa.gov]; Kim, Eun [Kim.Eun@epa.gov]  
**CC:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; McConnell, Robert [mcconnell.robert@epa.gov]; Simcox, Alison [simcox.alison@epa.gov]; Marks, Matthew [Marks.Matthew@epa.gov]; Murray, Beth [Murray.Beth@epa.gov]; Eyth, Alison [Eyth.Alison@epa.gov]; Houyoux, Marc [Houyoux.Marc@epa.gov]; Sargeant, Kathryn [sargeant.kathryn@epa.gov]  
**Subject:** 2015 Ozone Transport: Clean Air Act Authorities and Analytic Options  
**Location:** Microsoft Teams Meeting  
**Start:** 3/11/2021 4:00:00 PM  
**End:** 3/11/2021 5:00:00 PM  
**Show Time As:** Busy  
**Required Attendees:** Carbonell, Tomas; Campbell, Ann; Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Mathias, Scott; Wayland, Richard; Erika Sasser (Sasser.Erika@epa.gov); Jones, Rhea; Palma, Elizabeth; Fox, Tyler; Weatherhead, Darryl; Selbst, Elizabeth; Uher, Thomas; Dejong, Holly; Langdon, Robin; Possiel, Norm; Grundler, Christopher; Harvey, Reid; Stenhouse, Jeb; Hooper, Daniel; Haeuber, Richard; Fisher, Brian; Lifland, David; Simon, Karl; Patulski, Meg; Hoffer, Melissa; Srinivasan, Gautam; Seidman, Emily; Schramm, Daniel (Schramm.Daniel@epa.gov); Hambright, Rosemary; Hamjian, Lynne; Greene, Cynthia; Rogan, John; Kim, Eun  
**Optional Attendees:** Goffman, Joseph; Senter, Stephen; Brown, Annette; McConnell, Robert; Simcox, Alison; Marks, Matthew; Murray, Beth; Eyth, Alison; Houyoux, Marc; Sargeant, Kathryn

Exchange Server re-created a meeting that was missing from your calendar.

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Sent by Microsoft Exchange Server

## Appointment

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**From:** Rakosnik, Delaney [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=274573739A9F446883072599086EDED-RAKOSNIK, D]  
**Sent:** 2/9/2021 6:06:44 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]; Carbonell, Tomas [Carbonell.Tomas@epa.gov]; Ann Campbell (Campbell.Ann@epa.gov) [Campbell.Ann@epa.gov]; Peter Tsirigotis (Tsirigotis.Peter@epa.gov) [Tsirigotis.Peter@epa.gov]; Mike Koerber (Koerber.Mike@epa.gov) [Koerber.Mike@epa.gov]; Culligan, Kevin [culligan.kevin@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Fruh, Steve [Fruh.Steve@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Hambrick, Amy [Hambrick.Amy@epa.gov]; Marsh, Karen [Marsh.Karen@epa.gov]; Bielen, David [bielen.david@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]; Garwood, Gerri [Garwood.Gerri@epa.gov]; Macpherson, Alex [Macpherson.Alex@epa.gov]; Weatherhead, Darryl [Weatherhead.Darryl@epa.gov]; Shappley, Ned [Shappley.Ned@epa.gov]; Weitz, Melissa [Weitz.Melissa@epa.gov]; DeFigueiredo, Mark [DeFigueiredo.Mark@epa.gov]; Eisele, Adam [Eisele.Adam@epa.gov]; McDuffie, Erin [McDuffie.Erin.E@epa.gov]; Marks, Matthew [marks.matthew@epa.gov]; Hogan, Stephanie [Hogan.Stephanie@epa.gov]; Hoffman, Howard [hoffman.howard@epa.gov]; Branning, Amy [Branning.Amy@epa.gov]; Vijayan, Abi [Vijayan.Abi@epa.gov]; Mills, Derek [Mills.Derek@epa.gov]; Senter, Stephen [Senter.Stephen@epa.gov]; Brown, Annette [Brown.Annette@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]  
**CC:** Waltzer, Suzanne [Waltzer.Suzanne@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]; Srinivasan, Gautam [Srinivasan.Gautam@epa.gov]  
**Subject:** Bi-weekly Oil and Natural Gas (O&G) Sector Meeting  
**Attachments:** FW: OAR Meeting Request: Bi-Weekly Oil and Natural Gas Sector Meeting  
**Location:** Microsoft Teams Meeting  
**Start:** 2/22/2021 6:00:00 PM  
**End:** 2/22/2021 6:30:00 PM  
**Show Time As:** Busy  
**Recurrence:** Weekly  
every 2 week(s) on Monday from 1:00 PM to 1:30 PM  
**Required Attendees:** Goffman, Joseph; Carbonell, Tomas; Ann Campbell (Campbell.Ann@epa.gov); Peter Tsirigotis (Tsirigotis.Peter@epa.gov); Mike Koerber (Koerber.Mike@epa.gov); Culligan, Kevin; Lassiter, Penny; Cozzie, David; Fruh, Steve; McLamb, Marguerite; Hambrick, Amy; Marsh, Karen; Bielen, David; Crowley, Kate; Garwood, Gerri; Macpherson, Alex; Weatherhead, Darryl; Shappley, Ned; Weitz, Melissa; DeFigueiredo, Mark; Eisele, Adam; McDuffie, Erin; Marks, Matthew; Hogan, Stephanie; Hoffman, Howard; Branning, Amy; Vijayan, Abi; Mills, Derek; Senter, Stephen; Brown, Annette; Joseph, Wanda  
**Optional Attendees:** Waltzer, Suzanne; Gunning, Paul; Srinivasan, Gautam



FW: OAR Meeting  
Request: Bi-Wee...

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Message

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**From:** Agri-Pulse Daybreak [sara@agri-pulse.com]  
**Sent:** 2/12/2021 12:03:11 PM  
**To:** Goffman, Joseph [Goffman.Joseph@epa.gov]  
**Subject:** (Corrected Link)Agri-Pulse Daybreak Feb. 12: Can Senate Ag get together on climate? \* Taxpayers saving from market boom \* 'Miracle honey'

(Corrected Link)Agri-Pulse Daybreak Feb. 12: Can Senate Ag get together on climate? \* Taxpayers saving from market boom \* 'Miracle honey'

## **Your Agri-Pulse Daybreak for February 12, 2021**

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### **Boozman: Climate policy threatens farm bill**

There are new signs of division on the Senate Agriculture Committee when it comes to climate change. The committee's top Republican, John Boozman, told members of the National Cotton Council Thursday that funding to address climate change could come out of existing farm bill programs.

"You'll hear that it's paid for, that it doesn't cost anything," he said of the Democratic climate plan. "The reason it doesn't cost anything is that ... the monies that they need to make it work will come out of the farm bill. And so something else will be displaced."

**But, but, but:** Ag Committee Chairwoman Debbie Stabenow told reporters recently that she wants to put more money into conservation programs to promote climate-friendly practices but that she wants the funding to come out of separate climate legislation that Democrats plan to move later.

Responding to Boozman, a spokesperson for Stabenow says she "remains laser-focused on flexible, producer-led policies to help farmers and foresters create new revenue streams as they cut down on emissions and sequester more carbon in their soil and trees."



**AGree report eyes subsidies, carbon bank**

A new paper released by AGree's Climate, Food, and Agriculture Dialogue does suggest making some key changes in farm bill programs.

The report says, for example, that Congress could incentivize farmers to adopt conservation practices by offering them better coverage under commodity programs. "With a higher reference price ... producers that have implemented conservation practices in their fields would have additional market price protection over producers that do not," the report says.

The report also says USDA research agencies need to coordinate better with the Farm Service Agency and NRCS.

The report was written by Chris Adamo, vice president for federal and industry affairs at Danone North America, and Bruce Knight, a consultant who was chief of the Natural Resources Conservation Service during the George W. Bush administration.

### **Growers switching crops on market boom**

Despite a sharp increase in cotton prices in recent months, some southern farmers are going to be reducing their plantings of cotton this spring. The reason is simple: Markets for corn, soybeans and some other crops look even better.

According to the National Cotton Council's annual planting intentions survey, farmers plan to plant 11.5 million acres of cotton this year, which would be a reduction of 5.2% from last year. Farmers in Texas, by far the largest producer, are expected to trim their acreage by 5.7% to 6.4 million acres.

### **KC Fed: Farm income stronger than expected**

The Kansas City Fed said Thursday in its latest quarterly survey that increases in crop prices are helping the farm economy rebound across much of the Great Plains,

“About 80% of bankers expected farm incomes for the entire year would be higher than initially projected in early 2020 when factoring in government payments, and nearly 20% expected the increase to be significant,” KC Fed economists said in their summary.

### **Taxpayers to save on farm subsidies**

One of the benefits of rising commodity prices is that they reduce the cost of federal commodity programs. The Congressional Budget Office’s new estimates of farm program spending project that USDA will pay out \$3.95 billion through the Price Loss Coverage program in the fiscal year that starts Oct. 1. That’s down from the previous estimate of \$6.8 billion.

**Take note:** CBO projects the federal budget deficit will hit \$2.3 trillion this year, and that’s not counting the impact of the \$1.9 trillion stimulus package now making its way through the House. Annual deficits are projected to average \$1.2 trillion a year over the next 10 years.

It remains to be seen whether and how that affects President Biden’s plans for new spending on infrastructure and climate.

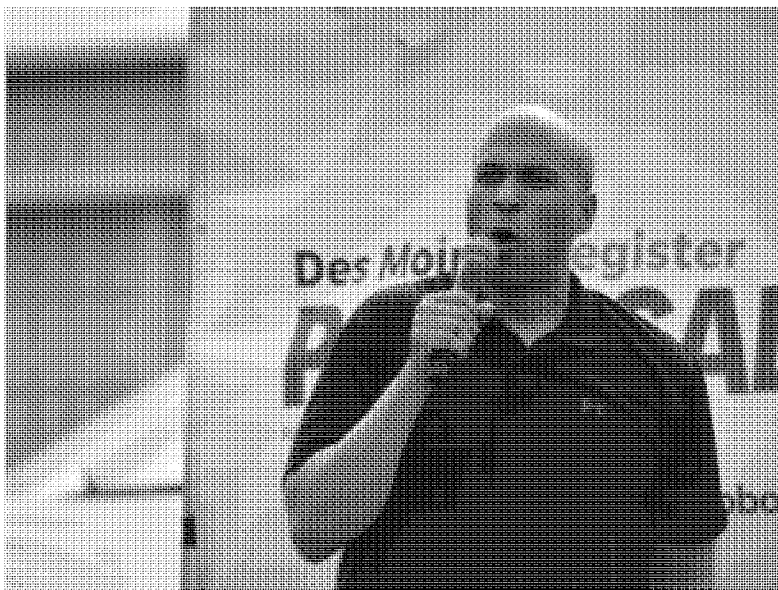
### **February starts with big corn, soy exports to China**

China made big commitments to buy U.S. corn in the last full week of January, and the following week saw significant physical

shipments of the grain to Chinese buyers, according to the latest USDA trade data.

The U.S. shipped 357,600 metric tons of corn to China from Jan. 29 through Feb. 4, helping to push total U.S. exports for the week to a marketing-year high of about 1.6 million tons. That was a 57% increase from the previous week.

U.S. soybean shipments to China were also strong for the latest seven-day reporting period. The Chinese imported about 1.2 million tons of U.S. soy during the week, more than half of the total 2.2 million tons that the U.S. exported.



*Sen. Booker*

### **New Ag committee members take on Tyson**

Two new members of the House and Senate Agriculture committees who are outspoken critics of the livestock industry are calling on the Federal Trade Commission to investigate one of the nation's largest meat processors, Tyson Foods.

The lawmakers claim Tyson has been making “false and misleading claims” about its poultry products regarding labor, sustainability, and animal welfare practices.

“The alleged misinformation employed by Tyson to sell its products may provide the company with an unfair advantage over its competitors,” Sen. Cory Booker, D-N.J., and Rep. Ro Khanna, D-Calif., say in a letter to the FTC. Sen. Elizabeth Warren, D-Mass., also signed the letter.

The lawmakers introduced legislation in the last Congress to impose a moratorium on new concentrated animal feeding operations and to phase out the largest existing CAFOs.

**Tyson’s take:** The company declined to comment on the lawmakers’ allegations. But a spokesman said the company is “transparent about our business operations and practices through our annual sustainability reports, third-party animal welfare audits, and other public reporting.”

### **Customs finds noodle surprise**

Customs officials in Cincinnati inspected a shipment of “herbal pasta” from Turkey last week and found it also held more than \$1 million worth of Viagra. According to a statement released Thursday by U.S. Customs and Border Protection, inspectors found 17,400 pills, plus 43 boxes of suspicious honey.

CBP and FDA determined that the sweet substance – called “miracle honey” – turned out to be laced with sildenafil, the active ingredient in Viagra.

**She said it.** One of the top trade questions farmers have is how the Biden administration will deal with China, but the White House provided no new clues after a conversation between presidents of the two countries on Wednesday.

When White House spokeswoman Jen Psaki was asked Thursday if the two presidents discussed trade, she didn't respond directly. She said President Joe Biden "talked about the fundamental concerns he has ... about Beijing's coercive and unfair economic practices," including "the crackdown in Hong Kong, human rights abuses across the country, increasingly assertive actions in the region, including toward Taiwan."

*Steve Davies, Bill Tomson and Ben Nuelle contributed to this report.*

*Questions? Tips? Contact Philip Brasher at [philip@agri-pulse.com](mailto:philip@agri-pulse.com)*

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